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02



Please ask your newsagent if your Iris Bishop Sports & Pastimes booklet is not on this magazine.



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ABBREVIATIONS

alt = alternate(ly)
 beg = beginning
 ch = chain
 cm = centimetres
 cont = continue(ing)
 dc = double crochet
 dec = decrease(ing)
 foll = following
 g = grams
 HP = holding position
 in = inch(es)
 inc = increase(ing)
 K = knit
 mm = millimetres
 MT = main tension
 MT-1, MT-2, MT-3 = one, two, three
 full sizes tighter than main tension

MT+1, MT+2, MT+3 = one, two, three
 full sizes looser than main tension
 MY = main yarn
 N(s) = needle(s)
 NWP = non working position
 P = purl
 patt = pattern
 RC = row counter
 rem = remain(ing)
 rep = repeat
 ss = stitch size
 st(s) = stitch(es)
 st st = stocking stitch
 tog = together
 UWP = upper working position
 WP = working position
 WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the

original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1x1 rib or every third needle back to non-working position for a 2x1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in

pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont

as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

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Dear Readers,

Where to begin is my problem this month!

Firstly, we have gained a partner by merging with sister magazine *Modern Machine Knitting*, so together we bring you this bumper issue with 16 extra pages plus the great cover booklet.

In those extra pages we incorporate many of the well-loved features of "Modern" so I hope our adopted readers will not miss too sadly, a magazine with a very long history and a special place among machine knitters - especially those with Silver Reed and Knitmaster machines.

What could be more welcoming for our new readers than the FREE booklet of Iris Bishop's Sports and Pastimes designs in 24-stitch motifs? We are very happy that Iris has agreed to make a disk of them all but if your machine is less high-tech you'll see we've also printed the punch-cards, starting on page 19.

There's more news from our friends in America this month and knitters there seem to be very computer and internet orientated but if that makes your heart sink (or your head ache), try Maggie Dyke's article (p.52) on making garter stitch patterns on the simplest of machines.

I'm very happy to have the expertise of John Blakeman to call on now that he is our Technical Editor; I hope he doesn't regret the move when I pass on all the problems! There's a welcome to him, his contributors and readers on page 11 with more details of the merger. I hope they'll be happy with us and decide to stay and I'm sure our readers will enjoy the different features and ideas they bring with them.

Sheila

Volume 11. No.10 February/March 1997 ISSN 0269-9761

Publisher & Managing Editor Anne Smith
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Club Speakers

ZODIAC OFFER

Don't miss the earlier articles in
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Details on page 35

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Port Coquitlam, B.C., V3C 3V5,
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U.S.A. Sales/Distribution:

Modern Sales U.S.A. Inc.,
7724 88th Drive S.E., Snohomish,
Washington 98290, U.S.A.

You can write to
Machine Knitting Monthly
at the following address:

PO Box 1479,
Maidenhead,
Berkshire SL6 8YX.

Our telephone number is
(01628) 783080.

Our fax number is
(01628) 33250.

Printed in England

Machine Knitting Monthly is published monthly by Machine Knitting Monthly Limited, PO Box 1479, Maidenhead, Berkshire SL6 8YX. Printed in England by Headley Bros, Ashford, Kent. Distributed by USM Distribution Limited, 86 Newman Street, London W1P 3LD. No part of this magazine may be reproduced or utilised in any form or by any means, mechanical or electronic including photocopying, recording or by any information storage or retrieval system without first obtaining the written permission of the publisher. Whilst every care is taken to ensure the accuracy of the patterns, charts, drawings and editorial matter, the publisher can accept no responsibility whatsoever for any damage, loss or the like arising from their use. Whilst every care is taken, no responsibility can be accepted for loss or damage to manuscripts, photographs or artwork. It is assumed that copyright of material submitted is that of the contributor or that necessary clearances have been obtained. Whilst we take every care when accepting advertisements, we cannot accept responsibility for unsatisfactory transactions but we will investigate any complaints. All rights reserved, Machine Knitting Monthly Limited. Copyright © 1997.

NEWS LINE

We have lots to start the new year. Patterns, books and yarns for both machine and hand knitting. There are also one or two books on crafts that will interest readers.

edited by John Blakeman

SIRDAR LINKS UP WITH "SAVE THE CHILDREN"

Sirdar has published three new hand knitting patterns, each featuring a winning design from their recent Sirdar and Save the Children competition, "It's a Kid's World".

Twelve finalists enjoyed a VIP reception and tea at Claridges in London. The first three winners have had their designs

produced as knitting patterns by Sirdar. All three patterns are for sweaters knitted in Wash'n'wear Double Crêpe. In acknowledgement of the terrific work undertaken by Save the Children, Sirdar will make a donation of 20p for every pattern sold, to the charity's funds. These patterns are now available through Sirdar stockists, for around £1.25 each.



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THE MADERIA BOOK OF EMBROIDERY STITCHES

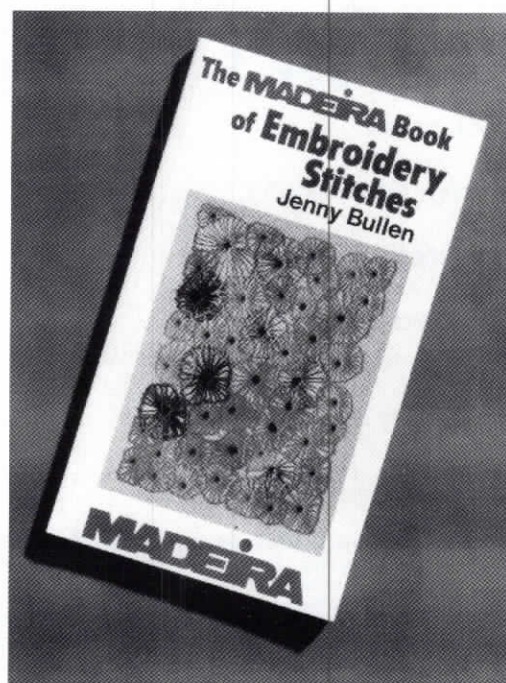
This book by Jenny Bullen, published by Maderia Threads (UK) Ltd, is a companion for all embroiderers. The book contains over 110 pages of clear concise instructions, designed to ensure that each stitch can be mastered perfectly.

Packed with full colour photographs of the finished stitches, the book gives an explanation of each stitch and its uses with clear, concise written instructions and useful illustrations showing the technique.

This book is available at all good needlecraft outlets for just £5.25.

There are many hints and tips on the materials and techniques to create the finest work.

The book covers the full A-Z of surface embroidery stitches with additional guidance for counted thread and machine embroidery, from arrow-head stitch though to zig-zag stitch.



NEW FROM BROTHER: SUPER GALAXIE 2000

This sewing and embroidery machine has over 900 built in stitches, three alphabet fonts, utility, one-point, satin, heirloom and cross stitches.

The Super Galaxie also has an on-screen facility for creating your own decorative or utility stitches. There is a choice of seven buttonholes and the machine can even give you multi-directional sewing. It is compatible with all existing Brother Memory

Cards, P.E.Scan and P.E.Design and with its LCD display measuring 115mm by 86mm, all essential information can be viewed at a glance.

An edit facility allows you to combine patterns, text and frames into one design for both memory recall and embroidery. The LCD even shows suggested thread colour names, estimated embroidery time, graphics of the pattern and appropriate hoop size.



P.E. DESIGN BY BROTHER

Extending the creativity offered by embroidery machines even further, Brother has launched P.E. Design, a computer software package. The package has its own card writer enabling you to save your design from PC direct to memory card, making it compatible with the Super Galaxie, Super Galaxie 11, P.E.100 and the new Super Galaxie 2000.

(100mm by 100mm and 180mm by 130mm) and the facility to scan designs, then edit them. The requirements to run the package are:- An IBM PC with 486 CPU - Software package Windows 3.1 or Windows 95 - Minimum 8Mb Ram (12m Ram recommended) - Minimum 4Mb Hard Disk Space - VGA Display - One RS232C Serial Port - Windows compatible mouse

The package provides a choice of 61 colours and includes features such as changeable sewing order, two different sizes of pattern area

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Freeline

The dates of the exhibition are from Thursday, 20th February to Sunday, 23rd February and the doors are open from 10.00 in the morning to 6.00 in the evening. Tickets cost £6.00, or £4.50 for Senior Citizens, but accompanied children under 16 years get in free and you can save £1.00 on each ticket if you book in advance on the ticket hotline - 07000 4 8425387.

Once inside the exhibition you will find lots of stands displaying the "latest" (as well as old favourites) from spinners, manufacturers, designers, pattern writers and suppliers of all kinds of needlecraft equipment. The experts will be on hand to explain and demonstrate their products, on the stands and in separate workshops.

The highlight of the day for many visitors is the free fashion show - always entertaining and a good place to pick up ideas and see how the new designs should be worn -

February
sees **The 6th North West Knitting & Needlecraft Exhibition** filling the G-Mex Centre in Manchester with materials, equipment and design ideas for a host of needlecrafts including, of course, machine knitting. Give yourself a break from winter and go along for the day with a friend, perhaps at the organisers' expense if you are lucky in our draw for free tickets!

and machine knitting is always the main craft to feature in the show.

Knitting & Needlecraft

• at G-Mex, Manchester •

The G-Mex Centre is in Manchester City Centre so it's easy to reach and has the all facilities for parking, refreshment and the special needs of disabled visitors, which one would expect of a major exhibition centre, so go along and enjoy yourself.

LUCKY DIP

There are no mystery prizes in this lucky dip - just 20 pairs of free tickets - so it's all or nothing! The tickets have been provided for our readers by the organisers of the show, Nationwide Exhibitions (UK) Ltd and it couldn't be easier to try and

win a pair, because all you have to do is send us a post-card or sealed envelope with your name and address on it.

Don't delay, since we must draw the winning entries in time to post the tickets! Send your card to:-

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**11, 12, 13
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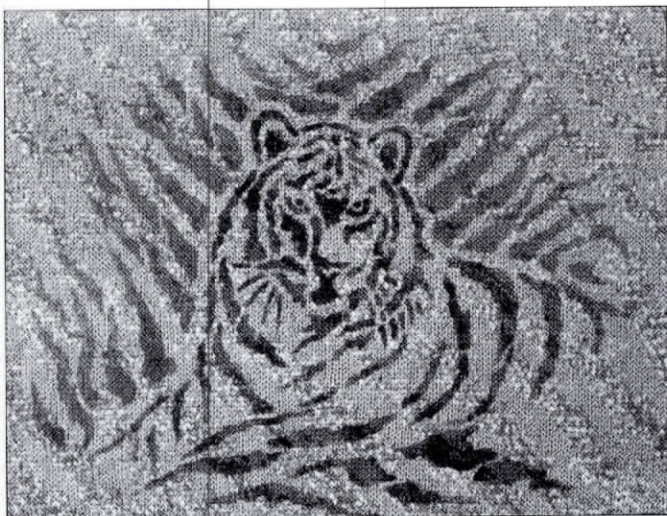
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"TIGER, TIGER" CUT STENCIL FROM IRIS BISHOP

Iris first introduced her method of stencilling on to knitwear in her popular Art of Painting Knitted Fabrics collection. This book includes stencil outlines of leaves and poppies to use with co-ordinating Fair Isle designs.

Following on from the success of this idea, Iris is delighted to introduce her first "pre-cut" stencil called **Tiger**. The re-usable stencil has been professionally cut from tough, flexible plastic and is ready to use. The wonderful tiger motif, created from one of Iris's animal drawings, measures 11 inches by 14 inches and has been designed specifically to enhance knitted fabrics. The stencil can also be used on walls, furnishing and other flat surfaces in the usual way.

For all her painted fabrics Iris uses the Pentel Fabricfun water colour dyes applied with a stencil brush. The beautiful, re-usable tiger stencil comes with workshop notes for stencilling knitted fabrics and detailed notes for painting a successful motif for the first time. Motif variations are also explained.

The cost of the stencil is £10.50. A suitably-sized stencil brush is also available at £1.50 and Fabricfun water colour dyes cost £4.50 (6 colours) or £7.50 (12 colours) by mail order. All prices include postage in the UK. Outside the UK please add 50p per item for postage. All the above are available from:-

Iris Bishop
64 Ifield Road
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Crawley
W Sussex RH11 7BQ

FITTINGLY SEW

New software from **Soft Byte** - the producers of DesignaKnit

Are you a dressmaker? Soft Byte have a specialist program for designing and drafting sewing patterns. You can choose from a selection of pre-designed garments in a range of standard sizes, or enter the details of an individual with their personal measurements. With a degree of pattern drafting knowledge these garments can be customised to create an original unique design.

The program gives variable seam allowances, darts, facings, curves, yokes, pleats and the ability to shorten or lengthen patterns. The pattern templates can be

arranged on screen to obtain the best layout for cutting. You may also print the pattern out using any standard desktop printer.

Fittingly Sew, version 1.2 is available for Windows and Apple Macintosh, the Windows version costing £149. Systems requirements are:- Windows - 286 or higher, Windows 3.1 or later, 1 Mb RAM. Macintosh - Systems 6 or 7, 2 Mb RAM.

For more information or a demonstration disk, contact:

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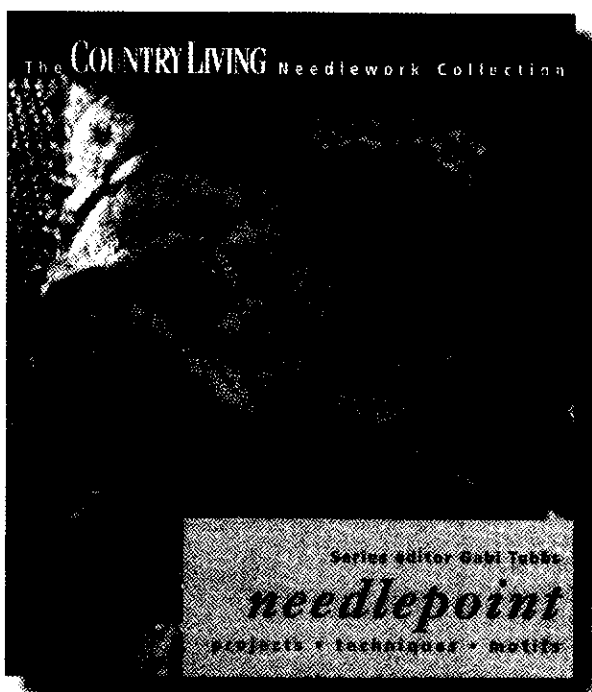
THE COUNTRY LIVING NEEDLEWORK COLLECTION

Needlepoint by Karen Elder explores one of the oldest and most beautiful of all crafts. This book is a wonderful source of inspiration for both beginner and the experienced needleworker.

Starting with the basics, the reader is taken through the enormous array of yarns and canvases available. The book provides detailed instructions. A variety of different stitches are described and illustrated and then used in the exciting selection of original designs.

Those who are new to the craft can begin with a simple but charming strawberry motif or a delightful naive little boat. If you prefer the more modern approach, there is a tea cosy of flying cups and saucers and a fun circus cushion.

In the final section of the book a range of motifs and patterns will provide further inspiration for those who want to stitch their own designs.



With clear, colourful illustrations and easy-to-follow instructions, this book has to be an essential addition to any needleworker's library. Available from bookshops, Needlepoint is priced at £14.99 in hardback, ISBN 1 899988 90 4.

Sewing Classics by Miriam Coe is packed with information about professional techniques and finishes and provides a valuable hand to lead the reader into the world of advanced sewing.

An enticing range of designs, including classic dressmaking, original home furnishings, a classic jacket, stylish kimono, wrap-around skirt or draw-string trousers will update your wardrobe.

The book has illustrated step-by-step instructions, sound coverage of basic techniques and fabulous projects to make. This book will be an

essential acquisition for all needleworkers. It costs £14.99 in hardback, ISBN 1 899988 85 8.

The Country Living Needlework Collection series of books is published by Quadrille Publishing Limited.

KATE ARKLEY DESIGNS

There are two new patterns available from Kate Arkley, using luxury long pile chenille, Castoro, by Yeoman Yarns.

DENISE

This is a chenille "V" or round neck jacket and waistcoat.

These two garments can be knitted on standard gauge knitting machines. Sizes range from small through medium and large to extra large. Both garments have pockets and rouleau cord trims.

The six button jacket is knitted using Yeoman Castoro in Ocean and Panama in Jeans.

The waistcoat with ten buttons is knitted using Yeoman Castoro in Bolero and Austermann Iglu in Cream.

The neck shapings, bands, welts and cuffs, can be interchanged between the jacket and waistcoat.

ALMA

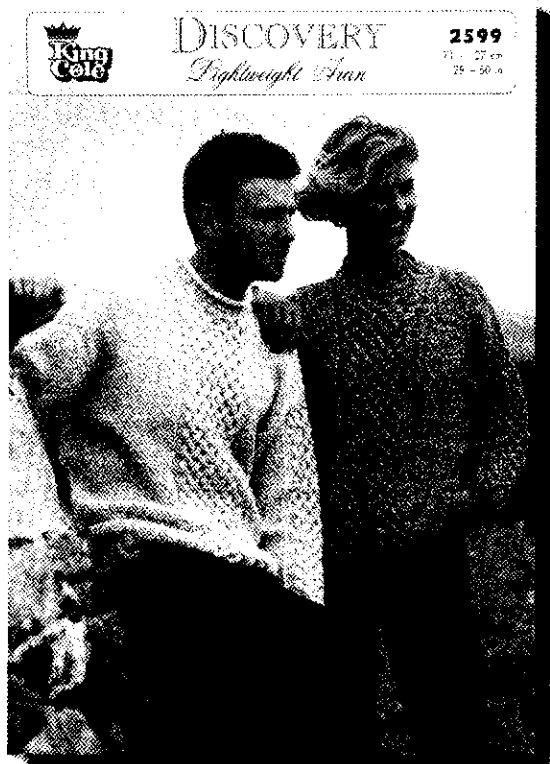
A round neck jacket and waistcoat. These two garments can be knitted on any standard gauge knitting machine. Sizes range through small, medium and large to extra large.

For the jacket the main yarn is Yeoman Sport, colour Ink and the contrast yarn is Castoro in Bolero, Chamois and Ocean. The jacket has eight buttons and the waistcoat which used the same yarns as the jacket, has ten buttons.

The chenille sections of the design are knitted vertically while the wool sections are knitted sideways. The neck shapings are the same for both jacket and waistcoat, therefore the collars can be interchanged.

Denise costs £1.95, while Alma costs £2.25. Please remember to add 40p to cover the cost of post and packing. The designs are available from:-

Kate Arkley Designs
3 The Vinery
Winscombe
Somerset BS25 1AZ



"DISCOVERY" LIGHTWEIGHT ARAN

Discovery is a new knitting yarn by King Cole from their 1997 Handknitting Yarn Directory. It is a lightweight Aran in seven mixture shades and the metreage of this yarn is excellent (230 metres per 100g ball). Discovery is 80% acrylic, 20% wool and retails between £1.89 and £2.19 per 100g ball. King Cole pattern No. 2599 provides knitting instruction for a stylish and matching sweater and tunic.

King Cole yarns and patterns are available from local stockists or by mail order from:

St. John's Wools
P.O. Box 66
Bingley BD16 2BH

Welcome Modern Knitters!

This is the first issue of the NEW *Machine Knitting Monthly* – the one that includes some of the highlights of **Modern Machine Knitting** now that the two magazines have joined forces.

We welcome our sister readers warmly (or should we say with open arms/pages?) and, just to make you feel at home, we have incorporated some of your favourite features in your own magazine's familiar style.

We're pleased to continue the wonderful series of zodiac motifs which **Jo Newton** has been designing for *Picture Parade* and we know regular *MMK* readers are going to love these too. This series began in the September issue of *Modern Machine Knitting* with the sign of Virgo, followed by Libra in October, Scorpio in November and both Sagittarius and Capricorn in the December/January issue. Anyone who wants one of these signs in particular, or who would like to collect the full set, can obtain single back issues at the usual price of £1.60 plus 60p p&p, or send for our Zodiac Offer – the whole set of four at the special price of £6.00 inclusive of postage (see page 5).

We hope that by the time Jo has completed the zodiac, she will feel at home at *MMK* and want to continue with a new subject.

Maggie Dyke is already at home with *MMK* but her heart may well be with *Modern Machine Knitting*, the magazine that has always concentrated on Silver Reed machines. In this issue we have both our regular Silver Scene feature and a super sweater pattern and explanatory article, Silver Special, from *MMK*. Maggie's sweaters are gorgeous but her time limited, so we're delighted we'll now be able to share her patterns.

There's a warm welcome here too for the Editor of *Modern Machine Knitting*, who is no stranger either but our old friend Brother John, also known as **John Blakeman**. John will be our new Technical Editor and readers who have read his articles or enjoyed one of his Club talks, will know he is extremely well-qualified for this position.

John will be reviewing books, accessories, gadgets and ideas with a truly qualified eye, so you can expect our News Line to be more like "Which?" in future! Perhaps you should bear that in mind when you send us your latest idea (!) but do please keep sending or faxing your news as John is eager to keep everyone well-informed.

He will also be bringing all his expertise to bear in answering your knitting queries and trying out your tips. Letters, hints and tips is the title of a very popular feature in *MMK* and now readers old and new can enjoy it in *MMK*, provided you keep those letters coming. You may still write to Dear Anne too so, in general, it would be best to address your technical tips and queries to John Blakeman and your general comments to Dear Anne – we'll keep them both if you want them, so it's up to you to write! (Address on page 5.)

We hope that readers old and new will enjoy the new bigger magazine that this merger brings about. The cover price has been increased by 15p per copy – not outrageous since we've held the price at £1.80 since April 1994 – and we're sure you'll find us good value for money. Subscribers to *Modern Machine Knitting* will have been informed per-



sonally of the change and, of course, it doesn't affect existing subscriptions to *Machine Knitting Monthly*.

We look forward to bringing our wider, combined readership the magazine they want – so your suggestions please! We can't promise to please everyone but we're very willing to listen.

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M^{ASTER}CLASS

A LITTLE ROMANCE

I'm making an unashamedly romantic beginning to 1997 – and a resolution which I am inspired to keep. So often they have melted into oblivion by January 2nd but this one I MUST keep.

Mary Dowse

This is it. I must design lots of beautiful, fine, decorated sweaters in 1997. Sweaters as a whole, in every shop, become more and more elaborate and interesting but also, mostly thicker and thicker. Why not have really lovely ones in finer yarns? With a machine, fineness is really no problem. You can also usually achieve two for the price of one since fine yarns go so much further. If you are worried about keeping warm as well as fashionable, don't forget that two thin layers keep you warmer than one thick one!

Added to this, nearly everyone now has a tailored jacket to wear with skirt or pants as

a suit and a really pretty sweater to wear with it has the extra bonus of extra warmth. Worn under a jacket or with the ubiquitous long flowing skirt for evening wear, they suddenly look fresh, new and lovely in fine two-ply wool or kid mohair – or synthetics if you must.

Such sweaters can be plain, but think of all the lovely possibilities of Fair Isle and interesting stitch patterns usually used for bulky sweaters and imagine how you could use these techniques for fine yarns.

Try more delicate decorations. Seams with tiny beads at centimetre intervals, small

Fair Isle patterns, little decorative borders or edges, the prettiest buttons you can find, narrow crochet decorations – all these add to the charm of these lightweight sweaters.

Fine kid mohair is THE ideal yarn. Soft as a kitten, easy to knit, gorgeous colours, although expensive it goes such a long way that the completed garment works out at quite a reasonable price. You may even have enough left over for a second sweater. A 300-gram cone will often make two.

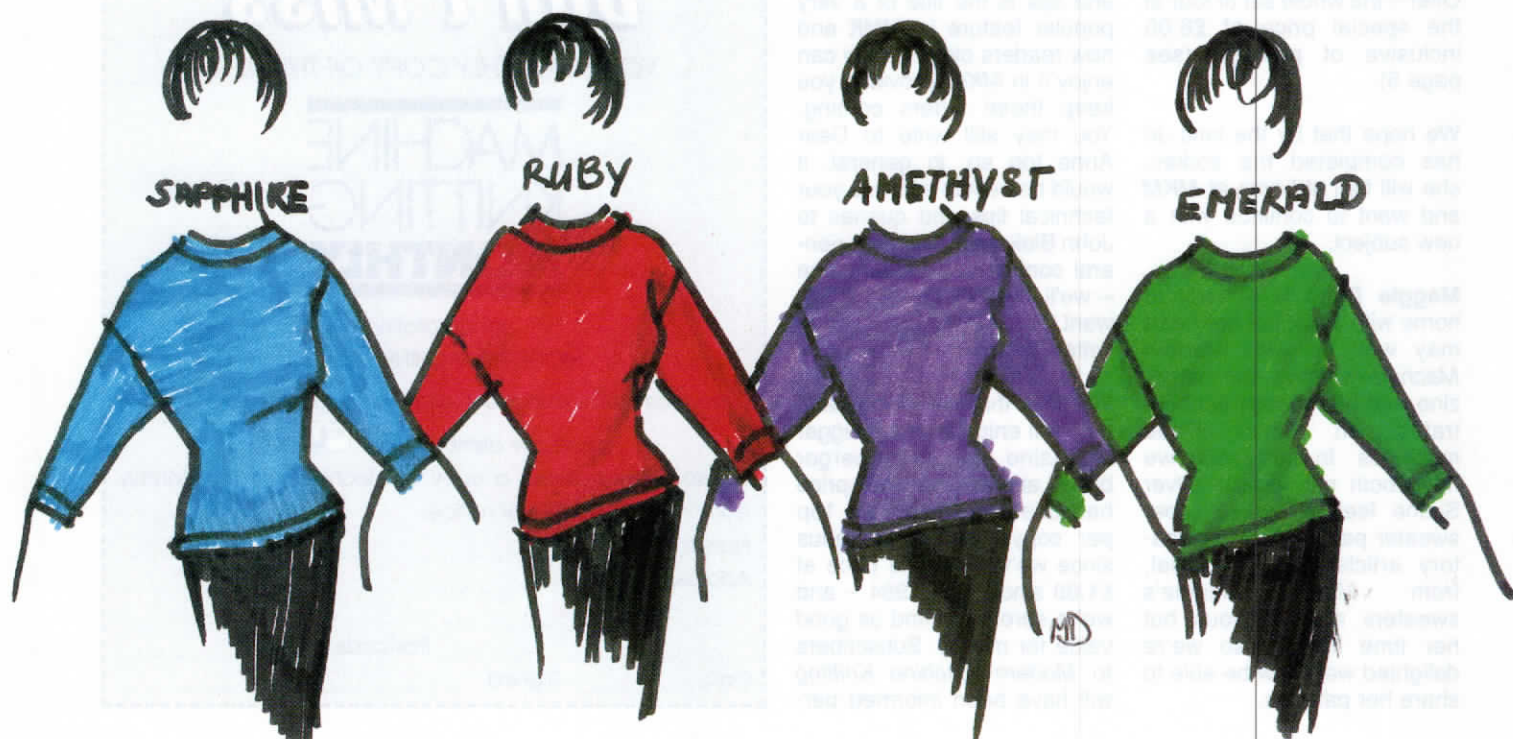
Both mohair and wool come in the most beautiful rich jewel colours as well as dark and pastel shades, so you can really take your pick. Although many people fly to pretty pastels for a fine sweater, for this time of year a flash of rich colour is a real tonic – ruby, emerald, amethyst, sapphire, topaz, or stark white and silver "diamond". Decorate with matching jewels for evening wear, or with narrow satin ribbon in technically the same colour, but the shiny satin and the furry yarn give a lovely shimmering effect. If you have ever tried dyeing yarns yourself you will appreciate that different fibres dye to slightly different shades – just enough to make the colours interesting.

Fine sweaters are ideal for those romantic occasions in

February – especially on St Valentine's day. In spite of this occurring in the midst of winter it's a time of hearts and flowers and blue moons and pierrots and carnival and glamour. I've designed an unashamedly romantic pattern for a "hearts" sweater for you, with a sideways glance at blue moons instead of the usual pink or red frilly hearts (though of course you could knit it in pink if you'd rather!) but blue, beautiful blue, would be a refreshing change and just blue by itself, unadorned by silver or any other colour, makes a gorgeous "sapphire" sweater for any time of year – perfect with a black suit.

This idea originally came to me after being at the Accent on Design Seminar at Hastings in October. I was opposite a stall with lovely handmade ceramic buttons and took a really good look whenever I got a chance. I found some very charming heart-shaped buttons in a really rich thick deep blue glaze – good enough to eat – so I bought four for fun. At the same event, Nina Miklin had some superfine kid mohair in an equally rich blue and some beautifully soft silver Lurex, so I came home dreaming of "once in a blue moon".

Once home, I designed a sweater in plain blue with the heart buttons and a ribbon threaded heart on the front as decoration. Although I only had a 200-gram cone I still



had enough for another front, but 300 grams would have allowed me to make an even more romantic, but less all-occasion sweater with a silver pierrot and a blue moon superimposed upon it. I still had enough left from the 200 grams to allow for larger sizes and to knit an experimental front! The colours available are truly intoxicating and I long to knit red, green and purple versions and find matching satin or Lurex for "tree bark" pleated skirts to wear with them. I've no excuse for such clothes but I am fortunate to be a designer since I can always make the samples and it doesn't matter whether I'm asked to a suitable occasion to wear them or not (though the occasion often arises when you have the clothes).

So much for instant glamour and romance, but I always feel that now is the time to think about THAT wedding dress, whether for you, a much loved relation or friend, or just for money! Everyone waxes lyrical about these in May or June, which is a little late to begin knitting. Why not

while away the dark days of winter by making the dress with careful attention to details such as beautiful beaded embroidery and all those petticoats?

Lots of knitters have used my designs for wedding dresses and have sent me lovely photographs to treasure, but I have seen others too, which don't quite make it – and it's nearly always the underpinnings which aren't quite right. If you are making a flowing, fairly slinky dress you need flowing, slinky underpinnings in the best fabric you can afford. If, on the other hand, you are trying for a crinoline effect, you need lots and lots of material for masses of frilly petticoats. Nothing is so depressing as a droopy full skirt that is meant to stick out but doesn't. The frills can be just straight pieces of net gathered into the waist, but half circles and circles make an even better shape. Don't skimp! The edges will take ages but the petticoats are quite breathtaking when finished. Start today – and a Very Happy New Year to you all!

A Mary Dowse design for Valentine's Day

RIBBON HEART SWEATER

1

The sweater can be plain but is prettiest with ribbon heart decoration.

MACHINES: Easy to knit on any standard or fine gauge Japanese machine. A ribber is not needed.

SIZES: 12-14 [16-18, 20-22, 24-26].

TENSION: 28 sts and 40 rows to 10 cm, 4 in at approximately T4 or T5. Hems; two tensions tighter.

YARN: Milan, Nina Miklin's fine 2-ply kid mohair (original in sapphire blue), available from Nina Miklin, 104 Biddulph Mansions, Elgin Avenue, London W9 1HU. Tel: 0171-286 1532.

QUANTITIES: It is difficult to be exact as the yarn is so lightweight but approximately: 160 [180, 200, 220] g should be plenty. You might even find 200 g enough for the largest size. Also needed: One or more matching blue heart-shaped buttons for decoration, if desired. Approximately 12.5 metres of very narrow satin ribbon in matching blue.

15 ►



TEACH-IN

KNITTING GARMENTS

Part 14 -

Double bed bands

This month I am writing about a double bed version of the mock rib band I described in Part 13, when we picked up stitches around the neckline for the band.

Ann Kite

Last month I wrote about single bed bands which were "knitted on" to a round neckline; that is, stitches were picked up around the neck and the band was then knitted. This month I'm writing about a double bed version of the mock rib band in last month's Teach-In. I suspect that some of you will wonder how a double bed band and a single bed band can be considered similar, but it helps if you can appreciate the similarities and relationships between the various techniques that you are learning with Teach-In. Machine knitting is not a series of unrelated tasks; if you can learn to see how everything "knits together" you will find it easier to progress with your knitting!

So the basics of this neckband are the same as for the mock rib band and I'm assuming that you have read last month's article. The number of stitches required is calculated in the same way and the finishing is the same. Read and knit your way through this article at your machine. The piece of knitting that you are knitting the band for, is the round neck exercise piece that I wrote about in the October '96 issue. Join one shoulder seam before knitting the band.

The abbreviations in the fol-

lowing exercise are: WP, working position; NWP, non-working position; RC, row counter; MT, stocking stitch tension.

KNITTED-ON BAND

Calculate the number of needles required for the band and bring the needles to working position on the main bed only, just as if you were going to knit a stocking stitch band. With the right side of the knitting facing you, pick up the stitches around the neck and unravel the waste yarn. (See Steps 1 to 4 last month.)

The main problem when knitting a "knitted on" true rib band is getting started on the ribber after picking up the stitches around the neck. I use the following method. It can be used for all types of rib.

Set the RC to 000. With the right side of the knitting facing you and the stitches around the neck picked up and placed on to the main bed, using the main carriage knit two rows of stocking stitch, at MT.

• RC002. Bring ribber into position on half pitch. Put the needles required

for the rib, on ribber, to WP. You can use any rib arrangement that you wish, but note that, even if you are going to knit a 1x1 rib, the ribber must be on half pitch at this stage as all the needles are in working position on the main bed. Remove the sinker plate from main carriage and replace with the ribber connecting arm. Bring all the needles on the main bed to HP. Leave the main carriage holding lever(s) set to knit. With the main carriage at MT, the ribber carriage at rib tension, and pulling the knitting down gently beneath the machine, knit one row.

• RC003. There are now loops on the ribber needles. Holding the knitting beneath the machine back towards the table, insert the ribber comb (the garment should be behind the comb). If the rib you have selected requires the ribber to be at full pitch, change to full pitch now.

Transfer the appropriate stitches as required for the rib, from the main bed to the ribber needles. If you have chosen to knit a fine 2x2 rib (two needles in WP, one nee-

dle in NWP, on each bed) there will only be one stitch to transfer for every two loops on the ribber bed. Return the empty needles on the main bed to NWP. Add the ribber weights to the ribber comb.

Set tension on main carriage to rib tension and knit 30 rows of rib.

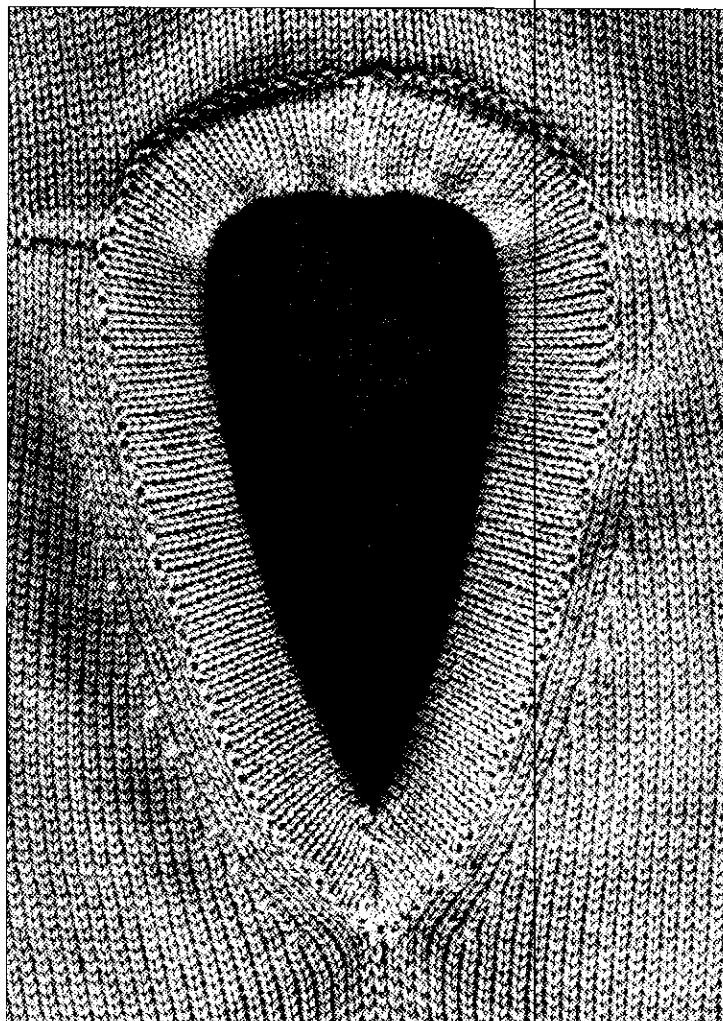
• RC033. Bring the empty needles on the main bed to WP. Transfer the stitches from the ribber to the main bed. Remove the weights from the ribber comb.

Put the ribber to the out-of-work position. Remove the ribber connecting arm and replace with the main bed sinker-plate. Knit four rows of stocking stitch at MT.

• RC036. Knit eight rows of waste yarn and strip off. Remove the ribber comb.

FINISHING

This is essentially the same as for the mock rib band in Teach-In last month, except that you don't press the rib part of the band. The stocking stitch rows at the end of the band and the waste yarn must



be steam pressed (wool), or steamed (acrylic). When knitting with acrylic, after steaming the band press, with the edge of the iron, the last row knitted in main yarn. This will enable you to backstitch easily through the open stitches, after removing the waste yarn.

After steaming and pressing, remove the waste yarn and backstitch the band into position. Remember that it has to be backstitch, as this has "give" and will stretch and go over the head. If you knitted your neckline following the Golden Rule and used the holding position for shaping (see Teach-In, October '96 issue), the neckline will have give and finishing the neckband with backstitch will retain the give. This neckline, shaped using holding position and with a band that is backstitched into position, will stretch and go over even a toddler's head.

Notice that at RC003 if the rib is to be knitted on full pitch, the ribber is changed to full pitch before transferring the stitches from the main bed to the ribber. If you transfer the stitches before changing to full pitch, you may find that when you do change to half pitch that you have transferred the wrong stitches, so the needles with stitches on them on each bed are now opposite each other and you can't knit.

So far, all the bands I have written about have been round neck bands. Before I move on next month to bands that are knitted first and then joined to the neckline, I must include a "knitted-on" band for a V neck. This is a single bed band knitted in stocking stitch. Don't forget that even if you have a ribber you can still choose to knit a stocking stitch band.

V NECK BAND

Join both shoulder seams.

1. Estimate the number of stitches required for the band, from centre back to centre front.

2. With the right side of the knitting facing you pick up the stitches evenly along one side of the neck, from centre front to centre back. Don't attempt to pick up every stitch, pick up only the number estimated. Bring the needles to holding position. The holding lever(s)

must be on knit. Set the row counter to 000.

- RC 000. Knit one row at MT.
- RC 001. Knit one row at MT-1
- RC 002. Decrease one stitch at the centre front. Knit two rows at MT-1.
- RC 004. Decrease one stitch at the centre front. Knit two rows at MT-1.
- RC 006. Decrease one stitch at the centre front. Knit two rows at MT-2.
- RC 008. Decrease one stitch at the centre front. Knit one row at MT-2
- RC 009. Knit one row at MT
- RC 010. Increase one stitch at centre front. Knit two rows at MT-2.
- RC 012. Increase one stitch at centre front. Knit two rows at MT-2.
- RC 014. Increase one stitch at centre front. Knit two rows at MT-2.
- RC 016. Increase one stitch at centre front. Knit two rows at MT-1.
- RC 018. Increase one stitch at centre front. Knit one row at MT-1.
- RC 019. Knit one row at MT.
- RC 020. Knit eight rows of waste yarn at MT and strip off. Repeat on second side. Make sure you use the same number of needles.

FINISHING

This too is essentially the same as for the round neckbands. Steam or press the band and join the centre front and back seam using mattress stitch. When joining the centre front you can't use a true mattress stitch as the seam is on the diagonal, sometimes you will be going under the side of the stitch rather than a ladder. However, using a modified mattress stitch enables you to match the stitches at the join giving a very neat effect. You can't do this if you backstitch. Finally, unravel the waste yarn and backstitch through the open stitches of the last row knitted in main yarn.

This V-neck band is taught on my Video No.1 for beginners, price including p&p is £25.50, or if you are a new customer, only £21.50 inc. p&p. The video is available from:-

Ann Kite Educational Services
The Llanerch
New Radnor
Powys LD8 2TP
Tel/Fax: 01544 350627

BACK

Cast on 130 [150, 170, 180/200] stitches in waste yarn (200 for a really loose fit). K 5 cm, 2 in. Change to main yarn. Using MT-2, K 40 rows. (Do not knit a loose row for the fold line in this yarn.) Pick up first row to make hem. K 1 row at MT+3 or +4.

Using MT, K 210 [220, 230, 240] rows. This assumes that larger sizes are taller. If not, follow the length for smaller sizes. Put marking threads for back neckline at stitches 42-46-42 [51-48-51, 60-50-60, 63-54-63]. K 1 row MT+4, K 8 rows MT-2. Pick up loose row to form a hem and cast off loosely.

FRONT

Cast on and work as Back to row 92 [102, 112, 122]. Work "heart".

Transfer stitches as shown in diagram, left to left on left side and right to right on right side to make lacy "ladders". At row 34 of diagram, begin to push needles back to working position. Continue to knit to row 170 [180, 190, 200] (counting from beginning, just after hem). Finish each side of neck separately.

Push left hand half of needles to Hold. At right, at centre 0, decrease 1 st every alternate row for neck edge 20 [21, 22, 24] times. This makes Front slightly longer than Back on larger sizes and allows for the

more generous figure. Make hem as for top of Back on remaining stitches. Cast off loosely.

BACK COLLAR

Pick up neck stitches and using MT, K 100 rows. Pick up first row to make double collar. Cast off.

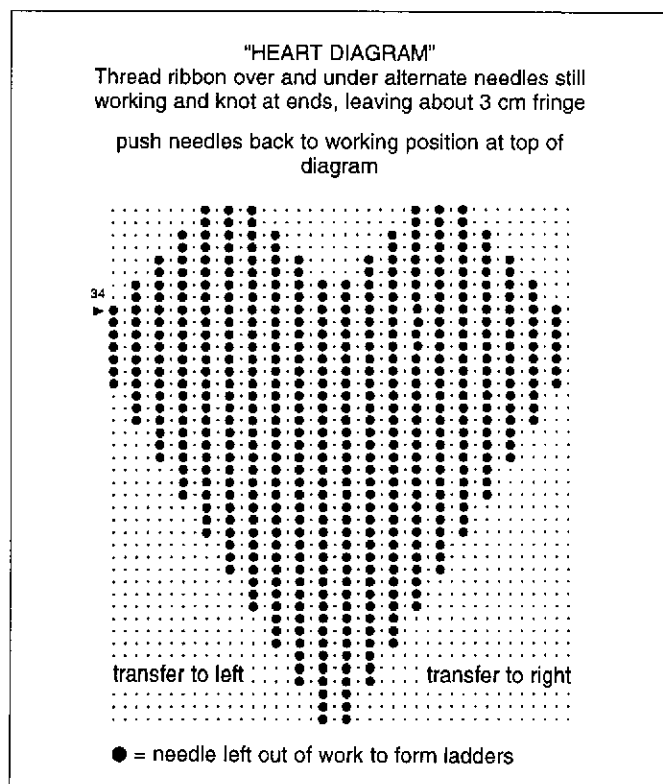
FRONT COLLAR

Work each side separately. Pick up 20 [21, 22, 24] sts. MT-2, K 8 rows. Pick up first row to make channel. Using MT, K 100 rows and pick up as for Back. Cast off. Repeat for other side.

SLEEVES

Sew shoulder seams invisibly so that you have two small raised "channels". Matching length of side seams, pick up 170 [180, 190, 200] stitches evenly from side for sleeve. Decrease 1 st each side every 4th row for 120 [130, 140, 150] rows. Transfer every alternate needle to adjacent needle. K 40 rows using MT-3 or -4. Pick up first row of hem and cast off.

Sew all seams using fine loose oversewing and taking up one thread only each side. Steam lightly but well. Sew on "hearts". Thread ribbon through lacy heart - over and under one row, under and over the next row. Knot at ends and cut, leaving about 3 cm for fringe. Hand wash and dry flat or folded once over line.



2



Designed by

MILAN AND ROMA MIX

2

PATTERN RATING

** Fairly easy for knitters with some experience

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

MATERIALS

Nina Miklin Milan pre-wound with Roma. (Yarn Guide No. 10.)
1 x 200 [200, 250] g cone in Red (MY).

GARMENT WEIGHT

Finished garment in second size weighs 270 g.

The fibre content of Milan is 80% Super Kid Mohair, 20% other fibres. Roma is 100% Lambswool. For further information about these yarns, please write to the following address: Nina Miklin, 104 Biddulph Mansions, Elgin Avenue, London W9 1HU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock up instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

Small [medium, large].

To fit bust 76-82 [87-92, 97-102] cm, 30-32 [34-36, 38-40] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

- We used purl side of knitting as right side of garment.
- When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

NOTES ON WORKING FROM "KNIT TO FINISH"

BOOKS 1 & 2

- Back neckline - Book 1, Part Two, Chapters 3 and 4.
- Front neckline - Book 1, Part One, Chapter 1B Step 5, followed by Chapters 2, 3 and 4. The "Crucial Point" is at RC 176 [186, 210].
- Front shoulder - Book 1, Part One. Follow the instructions in Chapters 5 and 7.
- Replacing and finishing the neckline - Book 1, Part Four. Follow the instructions in Chapters 2, 3, 4 and 5.
- Joining left shoulder and collar seam - follow instructions in Book 2, Part Five, Chapter 3, Pages 22, 23 and 24.

K 2 rows. ** Push 4 Ns at neck edge to HP, K 2 rows. Rep from ** once more. Push 3 Ns at neck edge to HP, K 2 rows. Push 2 Ns at neck edge to HP, K 2 rows. RC shows 176 [186, 210]. K 2 rows. Dec 1 st at neck edge. *** K 3 rows. Dec 1 st at neck edge. Rep from *** 4 more times. Cont straight until RC shows 203 [213, 237].

SHAPE SHOULDER

Push 2 Ns at shoulder edge to HP on next and foll 3 alt rows, K 1 row. Push 3 Ns at shoulder edge to HP on next and foll alt row, K 1 row. Push 3 [5, 7] Ns at shoulder edge to HP on next and foll alt row, K 1 row. RC shows 219 [229, 253]. Push shoulder Ns from HP to UWP. K 1 loose row. Cast off with a latch tool. With carriage at left, reset RC to 166 [176, 200] and shape left side of neck and shoulder to correspond with right side. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.

SLEEVES

With carriage at right, arrange over 68 [72, 76] Ns at centre of machine for 2x1 rib. Using MY, cast on and K 3 tubular rows. Carriage is at right. Set machine for 2x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 31 rows. Using MT/MT, K 1 row. Using WY, K a few rows and release from machine. Push 74 [74, 78] Ns at centre of machine to WP. With carriage at right and P side of WY facing, replace sts evenly on to Ns. Unravel WY. Set RC at 000. Using MY, cont working from diagram until RC shows 157 [167, 180].

SHAPE TOP

Set RC at 000. Cast off 3 [3, 4] sts at beg of next 2 rows.

1ST AND 2ND SIZES

Cast off 3 sts at each end of next row. Dec 1st at each end on next 10 rows.

3RD SIZE

Cast off 3 sts at beg of next 4 rows. Dec 1 st at each end on

next and foll 5 alt rows, K 1 row.

ALL SIZES

Dec 1 st at each end on next 1 [1, 5] rows. * Dec 1 st at each end, K 2 rows. Dec 1 st at each end, K 1 row. Rep from * 2 [2, 1] more times. Dec 1 st at each end on next and foll 10 [10, 8] alt rows, K 1 row. ** Dec 1 st at each end, K 1 row. Dec 1 st at each end, K 2 rows. Rep from ** 4 more times. Dec 1 st at each end on next and foll 2 [2, 4] alt rows, K 1 row. Dec 1 st at each end on next 6 [6, 11] rows. *** Push 2 Ns at each end to HP, K 1 row. Push 1 N at each end to HP, K 1 row. Rep from *** 3 [3, 1] more times. RC shows 80 [80, 87]. Push Ns from HP to UWP. K 1 loose row. Cast off.

COLLAR

Join right shoulder seam. Push 152 Ns at centre of machine to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, K 1 row. Using MT-1, K 3 rows. Using MT-1**, K 6 rows. Using MT-2*, K 6 rows. Using MT-3, K 6 rows. Using MT-4, K 5 rows. Using MT-3, K 6 rows. Using MT-2*, K 6 rows. Using MT-1**, K 6 rows. Using MT-1, K 3 rows. Using MT, K 1 row. Make a hem by placing loops of first row worked in MY on to corresponding Ns. Unravel WY when work is completed. Using MT-1, K 1 row. With K side facing, pick up sts around neck edge and place on to Ns. K 1 loose row. Cast off with a latch tool.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry before removing pins.

MAKING UP

Join left shoulder and collar seams. Set in sleeves. Join side and sleeve seams.

CARE INSTRUCTIONS

Hand wash in cool water.

BACK

With carriage at right, arrange over 136 [152, 172] Ns at centre of machine for 2x1 rib. Using MY, cast on and K 3 tubular rows. Carriage is at right. Set machine for 2x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 77 rows. Using MT/MT, K 1 row. Transfer sts for st st. Set RC at 000. Cont working from diagram until RC shows 102 [112, 128].

SHAPE ARMHOLES

Cast off 3 [3, 4] sts at beg of next 6 rows, 2 [2, 3] sts at beg of next 2 rows and 1 [2, 2] sts at beg of next 8 rows. Dec 1 st at each end on next and every foll alt row until 106 [114, 126] sts rem, then on every foll 4th row until 102 [110, 118] sts rem, then on every foll 6th row until 96 [104, 112] sts rem. Cont straight until RC shows 187 [197, 221]. Inc 1 st at each end on next and foll 8th row. Cont straight until RC shows 199 [209, 233].

SHAPE NECK AND SHOULDERS

Push all Ns at right, plus 8 Ns at left to HP and cont on rem sts for first side. K 2 rows. ** Push 5 Ns at neck edge to HP, K 2 rows. Rep from ** twice more. Push 2 Ns at neck edge to HP, K 1 row and at the same time when RC shows 202 [212, 236], shape shoulder. *** Push 5 [6, 7] Ns at shoulder edge to HP, K 2 rows. Rep from *** twice more. RC shows 208 [218, 242]. Push shoulder Ns from HP to UWP. K 1 loose row. Cast off with a latch tool. With carriage at right, reset RC to 199 [209, 233] and shape right side of neck and shoulder to correspond with left side. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for Back to *. Cont straight until RC shows 166 [176, 200].

SHAPE NECK

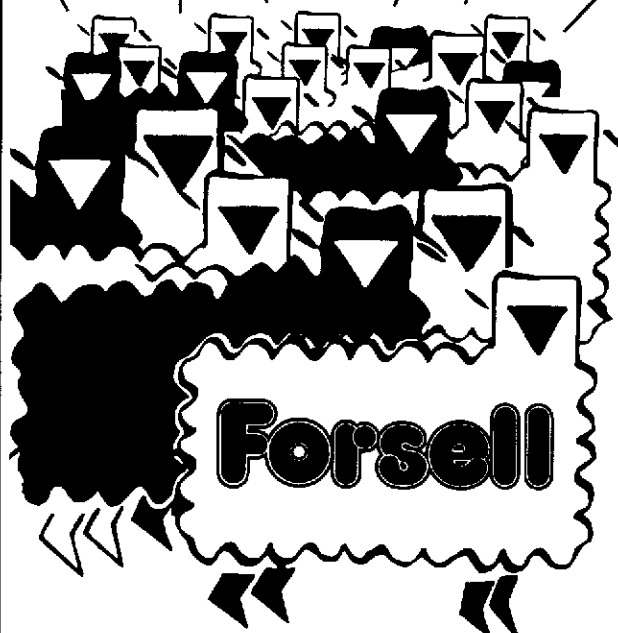
When RC shows 187 [197, 221], inc 1 st at right edge on next and foll 8th row and at the same time from RC 166 [176, 200]. Push all Ns at left, plus 6 Ns at right to HP and cont on rem sts for first side.

Nina Miklin

Every Yarn You'll Ever Need

(IN EVERY COLOUR)

PURE NEW WOOL SHAMAL SUPER SOFTWARE
TOUCH OF SILK ARAN NATURELL BOTANY
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TWEED



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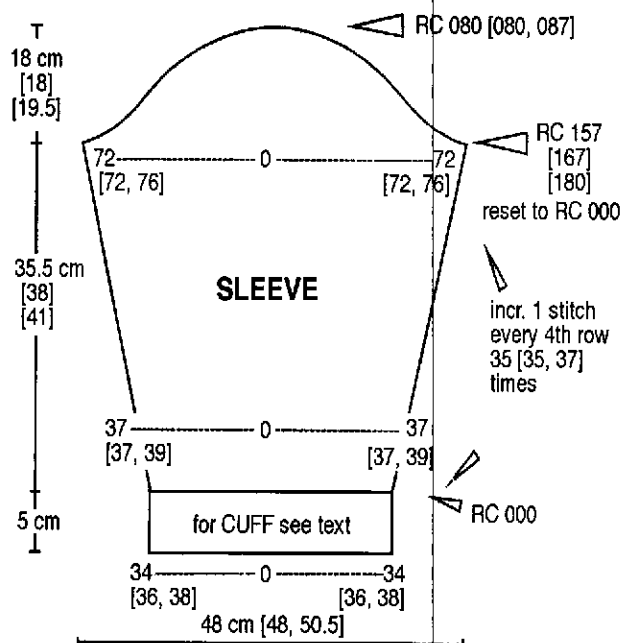
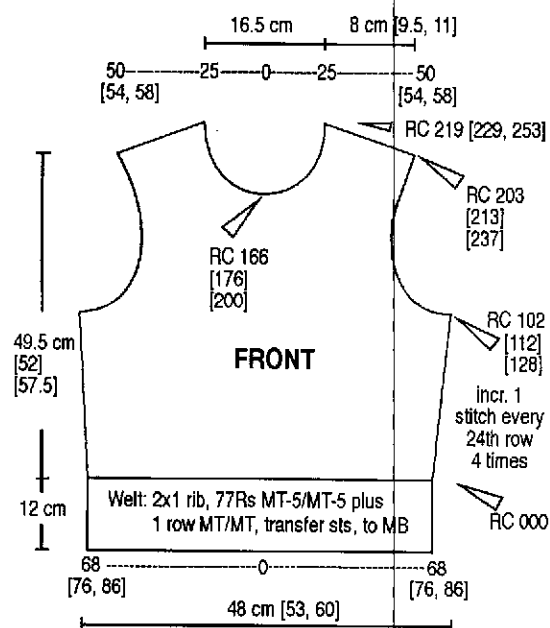
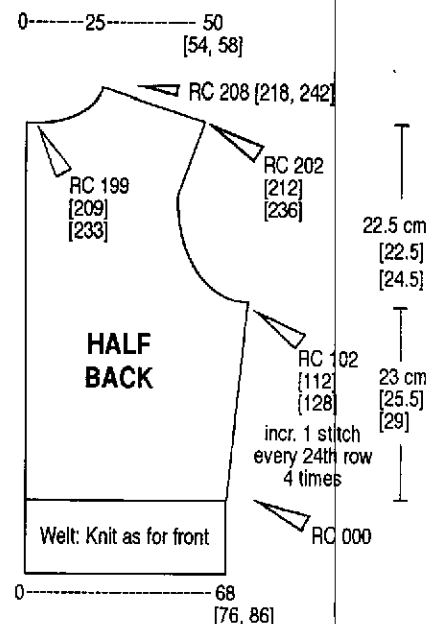
No wonder everyone's flocking to Forsells.

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- HOLLAND** - M & M Nederland, Molendwarsstraat 66, 7391 ZS Twello.
- SWEDEN** - HB Olax Produktor, Box 26, S 191, 21 Sollentuna.
- NORWAY** - Stanett, Solstadveien 1, N-1800 Askim.
- DENMARK** - Symaskineimporten, Boulevarden 38, Aalborg.

T. Forsell and Son Ltd.,
Blaby Road, South Wigston, Leicester LE18 4SG.

◀17

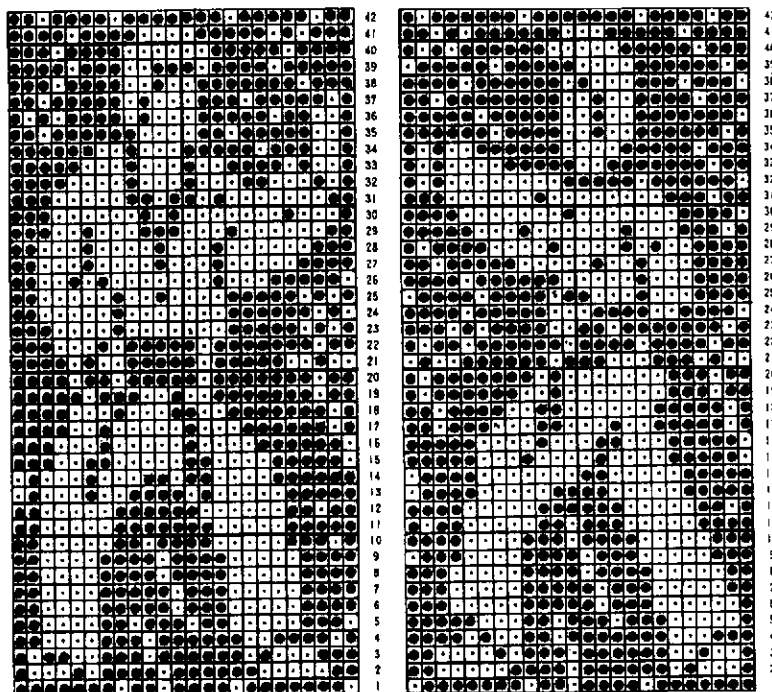


IRIS BISHOP SPECIAL

Sports & Pastimes

Part 1

24-stitch motifs
for punchcard & electronic machines



These are the punchcard charts for the motif designs illustrated in the colour booklet given free with this issue.

The reverse (wrong) side of the designs is shown, so users of electronic machines, having copied the pattern on to a mylar sheet, should check that their machine is set to knit the correct view of the design.

~ GENERAL INFORMATION ~

- * All these 24-stitch motifs can be knitted on all 24-stitch punchcard and electronic machines.
- * Any 4-ply yarn can be used.
- * There are short floats on the reverse side of the fabric.
- * Many designs can be used as a simple motif or border decoration on a plain garment, or combined to create an all-over Fair Isle design.
- * Use the designs in this booklet in conjunction with either the disk or the charts provided within this issue of *Machine Knitting Monthly*.

Disk Information

- * The **Sports and Pastimes** disk contains all the designs of this booklet (Part 1) and those of the second booklet (Part 2) which will follow with a later issue of *Machine Knitting Monthly*.
- * It is available in two formats:
 - Brother FB100 disk drive
 - DesignaKnit (versions 4, 5 and 6).
- * The price is \$5.95 including postage.
- * Please state Brother or DesignaKnit format when ordering.
- * Order with cheque or postal order from:-

Iris Bishop
64 Ifield Road
West Green, Crawley
West Sussex RH11 7BQ

- * A full, illustrated list of Iris's other designs on disk, will be included with your order — or send a stamped, addressed envelope for details.

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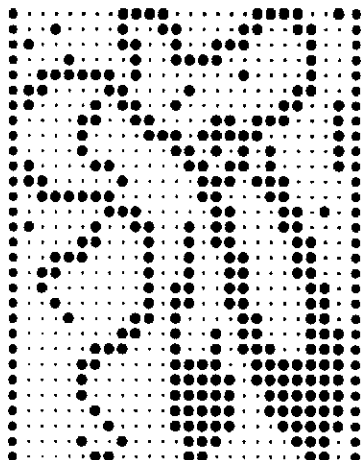
AROUND THE WORLD
(24 stitch) £4.50

All prices include P&P. Outside U.K. add 50p per item.
Please send order or stamped addressed envelope for complete, illustrated list to:-

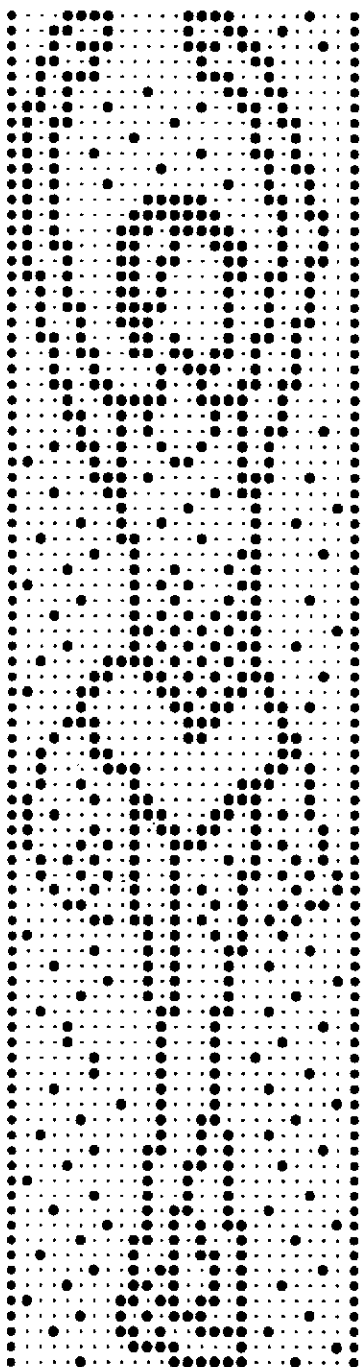
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~ Ballet ~

DANCING SHOES

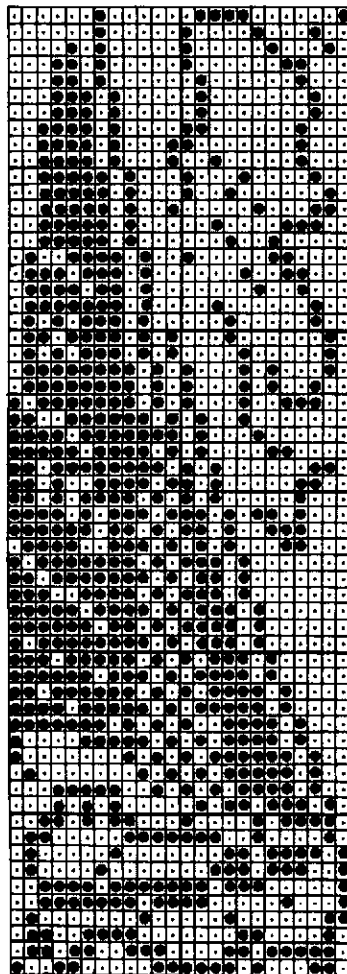


BALLET DANCER

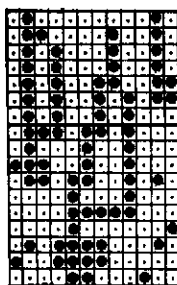


~ Yachting ~

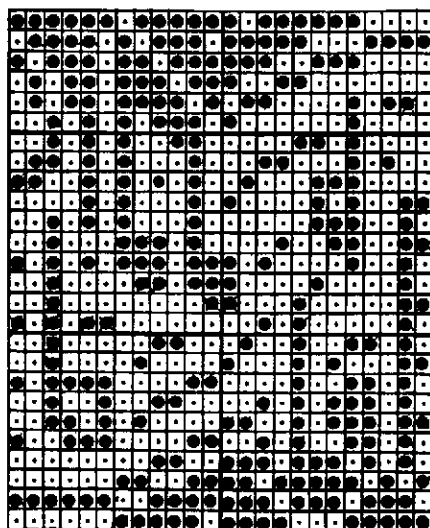
YACHT RACE



REGATTA BORDER

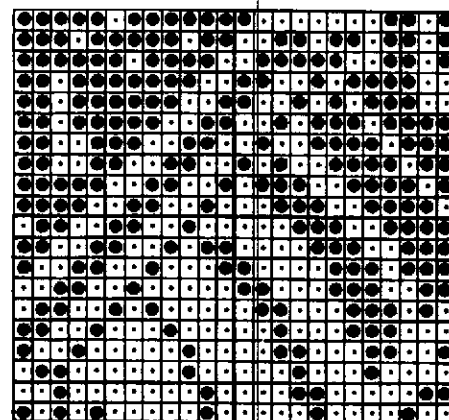


MUSICAL NOTES

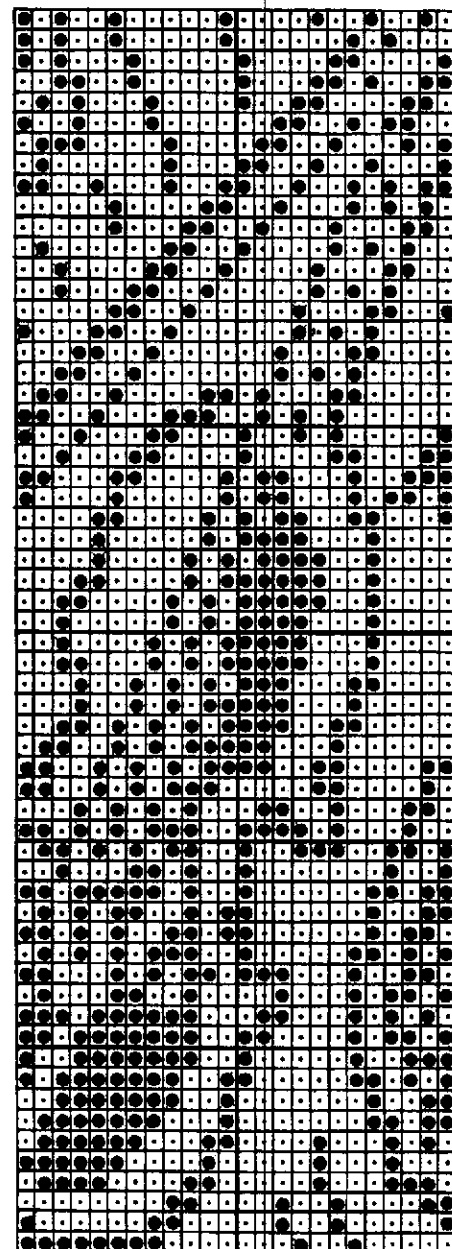


~ Music & Strings ~

INSTRUMENT BORDER



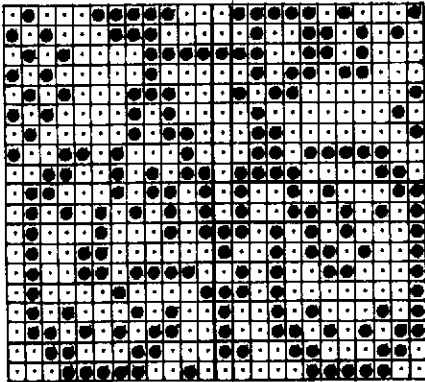
clip cards together so that design is continuous



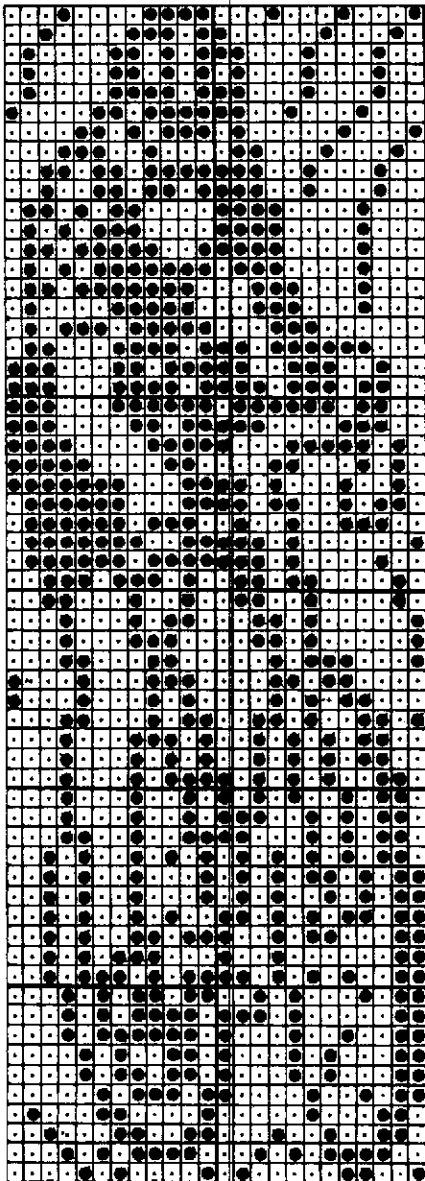
~ Tennis, Badminton & Squash ~

~ Cycle Racing ~

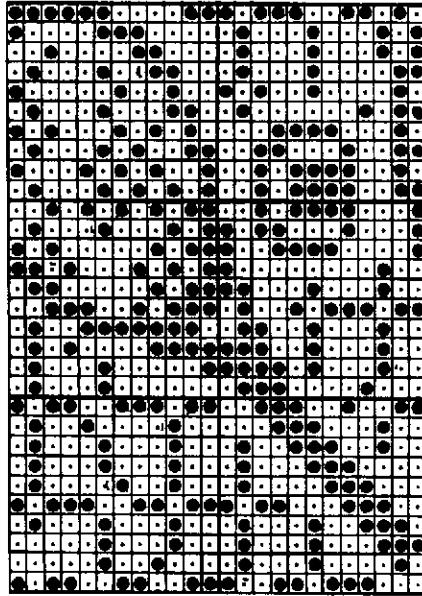
CYCLE BORDER



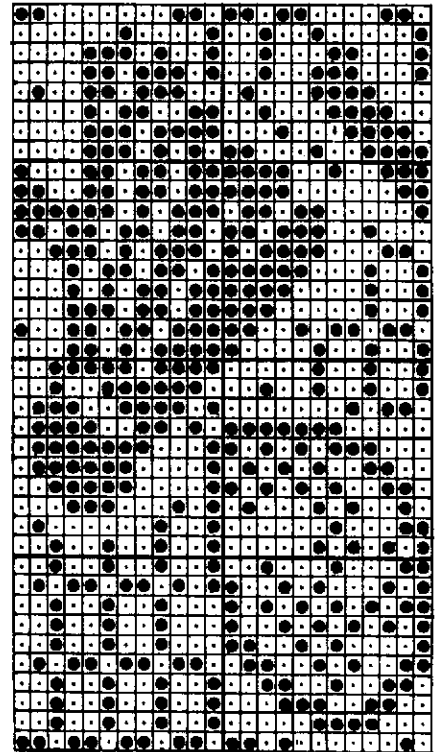
ACTION CYCLIST



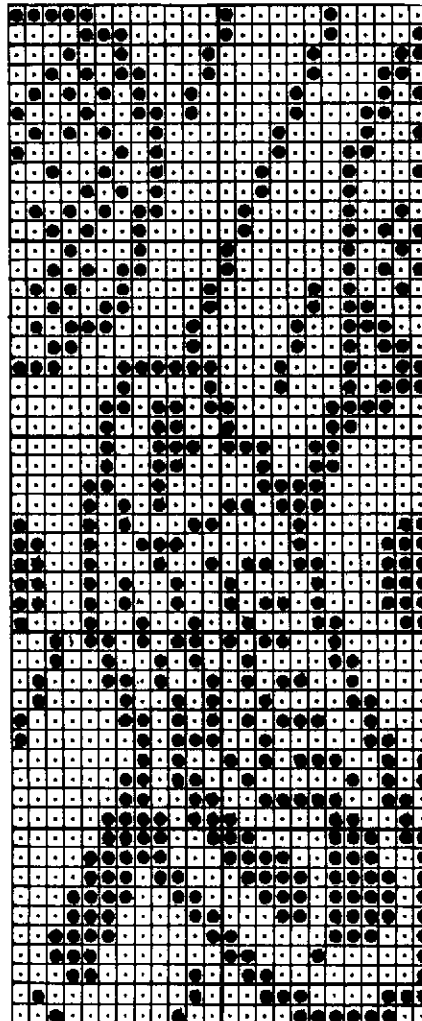
TENNIS BORDER



BADMINTON BORDER

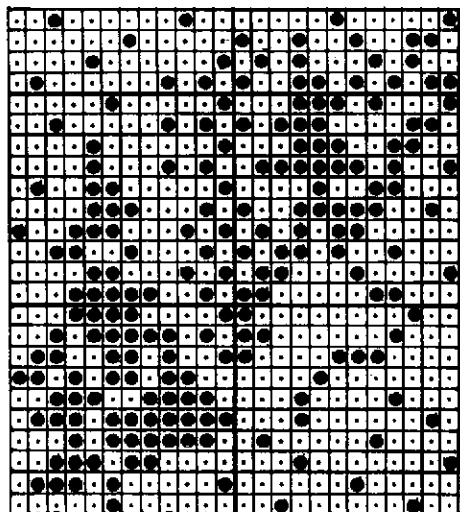


SQUASH BORDER

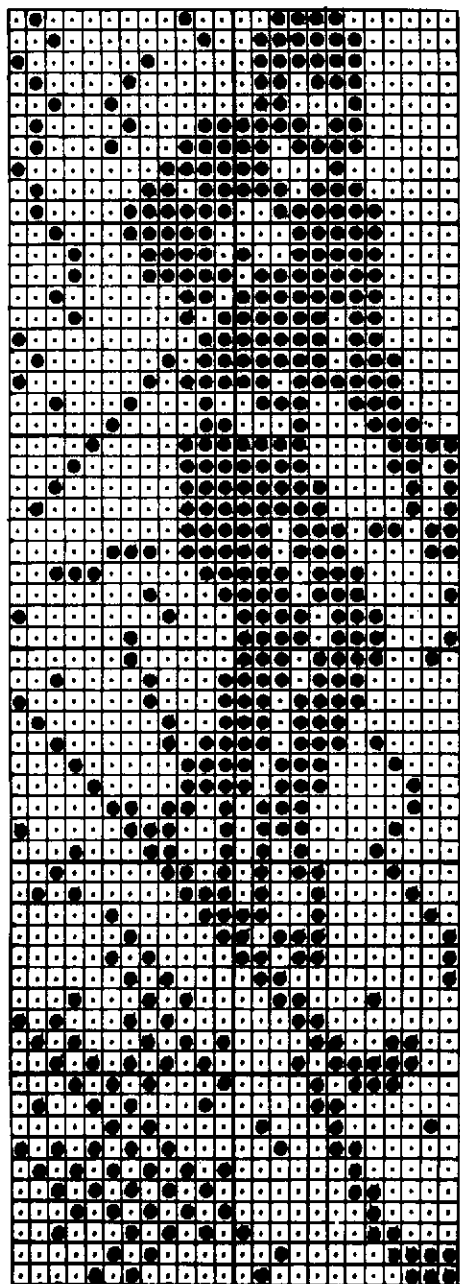


~ Skiing ~

FIR TREE BORDER

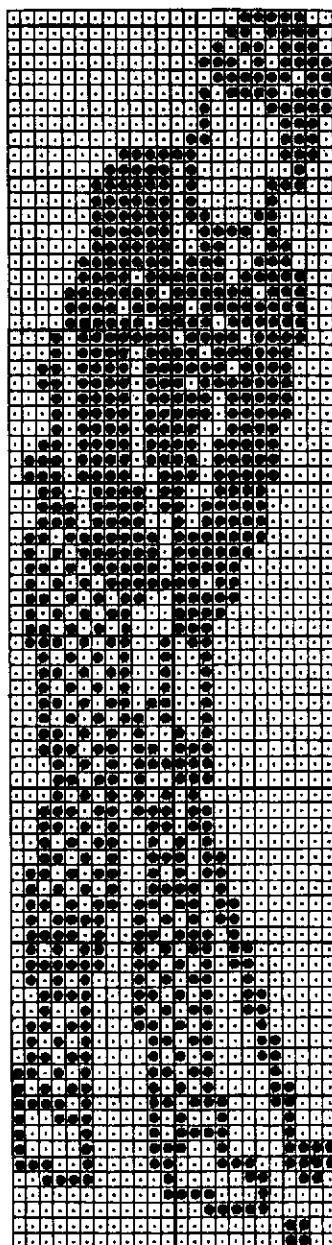


SKIER BORDER

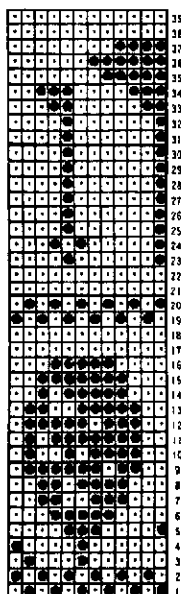


~ Golf ~

GOLFER MOTIF

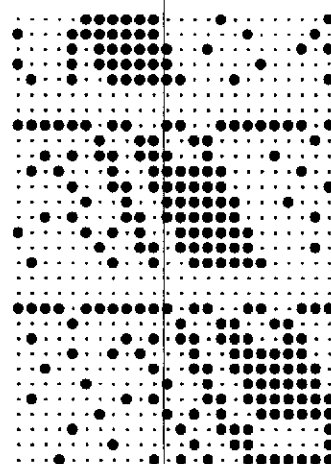


GOLF BALL AND FLAG BORDER

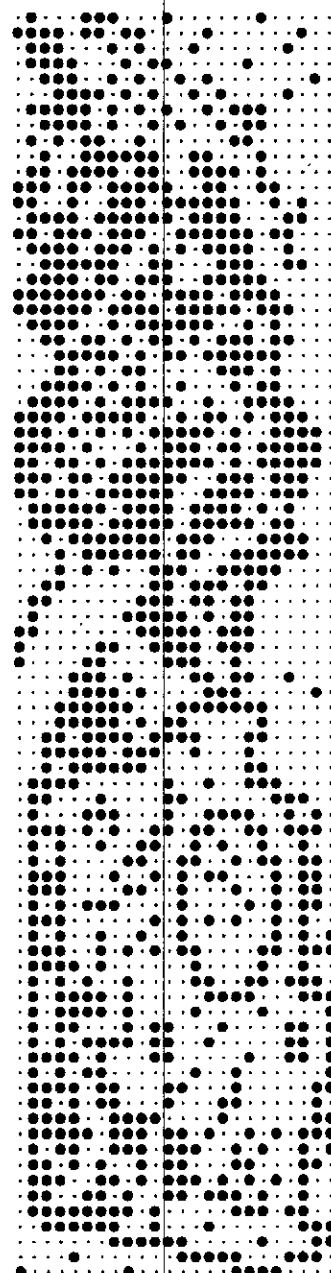


~ Steam Trains ~

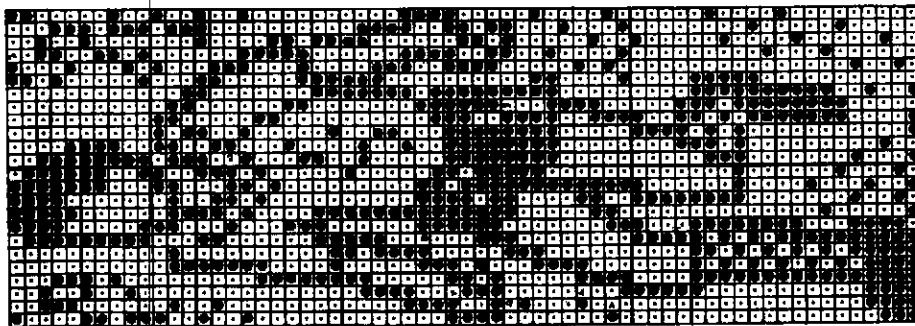
RAILWAY TRACK



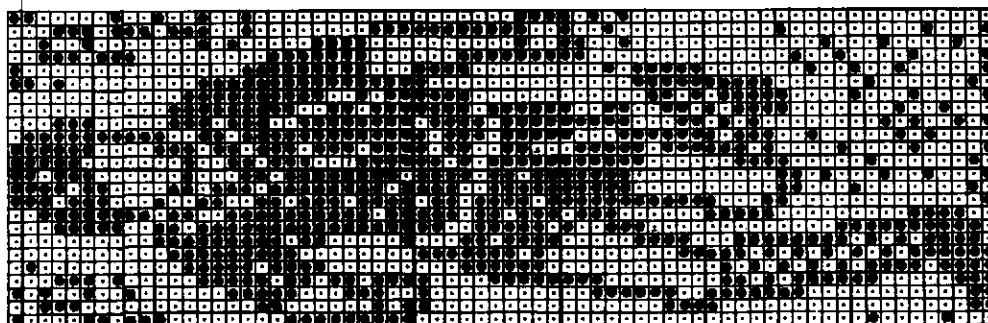
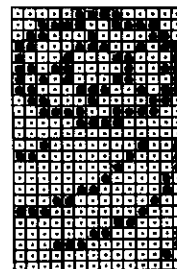
STEAM ENGINE



FOOTBALLER A AND B



FOOTBALL BORDER



MACHINE KNITTING BONANZA DUNSTON, GATESHEAD

Saturday 22nd March 1997

The North East Machine Knitters Club Organisation Group are holding their second Machine Knitting Bonanza on Saturday 22nd March 1997. Because the first Bonanza was such a success, a bigger venue has been secured for this year and the show will be held at the Dunston Activity Centre, Ellison Road, Dunston, Gateshead from 10.00 am to 4.00 pm. Admission tickets cost £1.50 and are available from Marian Wheaton, telephone 0191 273 9548 or from the Yarn Market, Dunston (open the first Saturday and Wednesday each month 9.30 am to 4.00 pm). They are also available from any Knitting Club in the group. At the second Bonanza, there will be more exhibitors with machines and so on, lots of free demonstrations in the main hall and some separate one-hour classes.

As we go to press the exhibitors' list includes the following:-

- * **Flemings** with machines from Passap, Silver Reed and Brother plus accessories for them all.
- * **Woolley Soft Ware** with Singer machines, DesignaKnit, magnetic weights, patterns and accessories.
- * **Uppingham Yarns Ltd** with 4-ply and 2/30 acrylics, filigree cr pe, chenille, cotton, bright acrylic and lambswool and angora mix.
- * **Riverside Spinners** with 4-ply Fair Isles, and multi-colour space dyes with Lurex, angora styles and marls in luxury acrylic.
- * **Hague Linkers** with their machines and the P.D.B. range of electric yarn winders and twisters plus accessories for all machines.
- * **In-Ex** with their steaming kits and patterns.
- * **Jaquandra** with patterns and yarns.
- * **Anne Brown** with patterns and Hobby Yarns.
- * **Jan Wright** with patterns.
- * **Mary Liddell** with patterns.
- * **Lindy Lou** with knitwear and dressed dolls.
- * **Marian Wheaton** with buttons and accessories.
- * **Machine Knitting Monthly** and **To & Fro** magazines will be there with all the back numbers we have missed.
- * **The Club Corner** will be selling members' patterns and the tickets for the one-hour classes.

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07

Designed by

FASHION LACE

3

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed standard gauge punchcard or electronic machines with a ribber and a lace carriage. Owners of other machines should substitute a similar pattern recommended for their machine.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Denys Brunton Duet 3-ply. (Yarn No.8.)
1 x 350 g cone in Light Blue (MY).

GARMENT WEIGHT

Finished garment in second size weighs 180g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Denys Brunton Designer Yarns, PO Box 38, Heckmondwike, West Yorkshire. Telephone: 01924-408507.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107, 112-117, 122-127] cm, 32-34 [36-38, 40-42, 44-46, 48-50] in.

Actual size 100 [110, 120, 130, 140] cm, 39 1/2 [43 1/2, 47 1/2, 51 1/2, 55 1/2] in.

Length to shoulder 63 cm, 25 in.

Sleeve seam 42.5 cm, 17 in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 46 rows to 10 cm, 4 in measured over Fashion Lace pattern (tension dial setting approximately 4).

For perfect results, please check your tension carefully.

KNITTING NOTES

a) We used knit side of knitting as right side of garment.

b) Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

c) We used Silver Reed card 390 from set 62 for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines, Unit 1, 10 Wandie Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

d) On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).

BACK

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 70 [78, 85, 91, 99] Ns at left and 70 [77, 85, 91, 98] Ns at right of centre 0 to WP. 140 [155, 170, 182, 197] Ns. Push corresponding Ns on ribber to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT-2/MT-2, K 40 rows. Transfer sts for st st.

1ST AND 4TH SIZES

Inc 1 st at each end.

2ND AND 5TH SIZES

Inc 1 st at right edge.

ALL SIZES

142 [156, 170, 184, 198] sts. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in lace patt *. K 248 rows. RC shows 250.

SHAPE NECK

Note patt row on card. Using nylon cord, K 95 [102, 109, 116, 123] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on next 6 rows. K 1 row. Using WY, K a few rows in st st over rem 41 [48, 55, 62, 69] sts and release from machine. With carriage at right, unravel nylon cord over 48 Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to right without knitting. Release card and cont in lace patt. Finish to correspond with first side, reversing shaping.

FRONT

Work as for back to *. K 222 rows. RC shows 224. 34 rows less have been worked to shoulder than on back.

SHAPE NECK

Note patt row on card. Using

nylon cord, K 85 [92, 99, 106, 113] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on next 16 rows. K 17 rows. Using WY, K a few rows in st st over rem 41 [48, 55, 62, 69] sts and release from machine. With carriage at right, unravel nylon cord over 28 Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to right without knitting. Release card and cont in lace patt. Finish to correspond with first side, reversing shaping.

SLEEVES

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 74 Ns on each bed at centre of machine to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT-2/MT-2, K 30 rows. Transfer sts for st st. Inc 1 st at each end. 76 sts. Insert card and lock on first row. Set RC at 000. Using MT, K 2 rows. Release card and cont in lace patt. Shape sides by inc 1 st at each end on every 4th row until there are 130 sts, then on every foll 5th row until there are 150 sts. K 10 rows. RC shows

Fran Francis

170. Adjust length at this stage, if required. Cast off.

JOIN RIGHT SHOULDER

Push 41 [48, 55, 62, 69] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MY, K 1 row. Cast off with a latch tool.

NECKBAND

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 155 Ns on each bed to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT-2/MT-2, K 30 rows. Transfer sts for st st. Using MT, K 1 row. With P side facing, pick up 7 sts down left side of back neck, 48 sts across back neck inc 5 sts evenly, 7 sts up right side of back neck, 29 sts down right side of front neck, 28 sts across front neck inc 2 sts evenly and 29 sts up left side of front neck and place on to Ns. Unravel WY. Using MT+1, K 1 row. Cast off.

JOIN LEFT SHOULDER

Work as for right shoulder but read left for right.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side, sleeve and neckband seams. Fold neckband in half and catch down on the inside.



DESIGNAKNIT

THE BASICS – Part 1

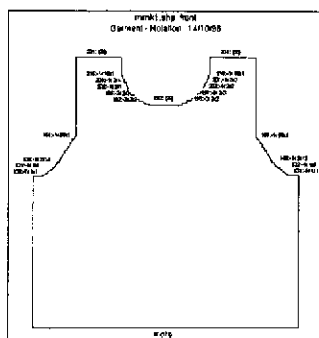
WHY USE DESIGNAKNIT? The first computer-aided design program for the fashion industry, developed, amazingly, nearly thirty years ago, cost £100,000 – there must have been huge benefits to justify that kind of outlay! Now, as Diane explains, DesignaKnit offers the domestic knitter many such advantages at a fraction of the cost.

Diane Bennett

SIZE AND SHAPE

For the beginner, DesignaKnit makes it possible to avoid the problems of attempting to achieve the correct tension in order to knit a pattern, while the ease of designing garments, should encourage the more experienced knitter to be adventurous.

Fig. 1



To knit any garment, first knit the tension square, measure it and enter the information as either stitches and rows to ten centimetres (four inches) or the measurements of 40 stitches and 60 rows. Select the garment type and measurements and DesignaKnit will produce a pattern like that shown in Fig. 1, or the shaping can be followed on screen during the knitting.

STITCH PATTERN

When knitting a garment with a stitch pattern, probably the biggest advantage is that the style can be designed and the pieces viewed in combination with the stitch pattern before

starting to knit. No more nasty surprises when reaching the neckline only to find that the rabbit's head has been cut off!

As shown in Fig. 2, the front can be moved and adjusted until the bands of pattern are in the ideal position. If, as in this case, the rabbits' ears would be chopped off at the neckline, the garment piece can be moved up to avoid this. The pattern can then be started on a different row or the length of the front adjusted so the pattern can be started on row one.

In addition to the obvious problems which may occur, it is also possible to view garment and stitch pattern and select the best way of using it. For example a large design can be placed on a raglan, set-in, saddle and straight block. These fronts can then be viewed on screen in combination with the stitch pattern before selecting the style to be used to knit the garment.



Fig. 2

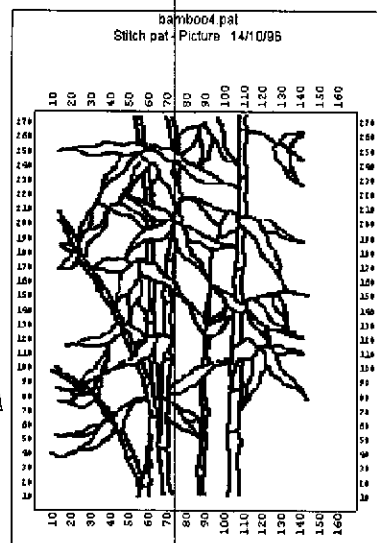


Fig. 3

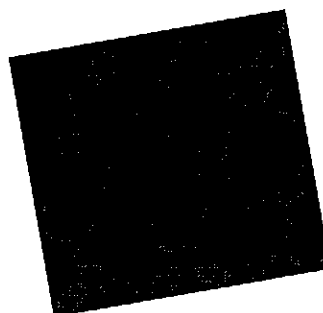


Fig. 4



Fig. 5

LARGE PATTERNS

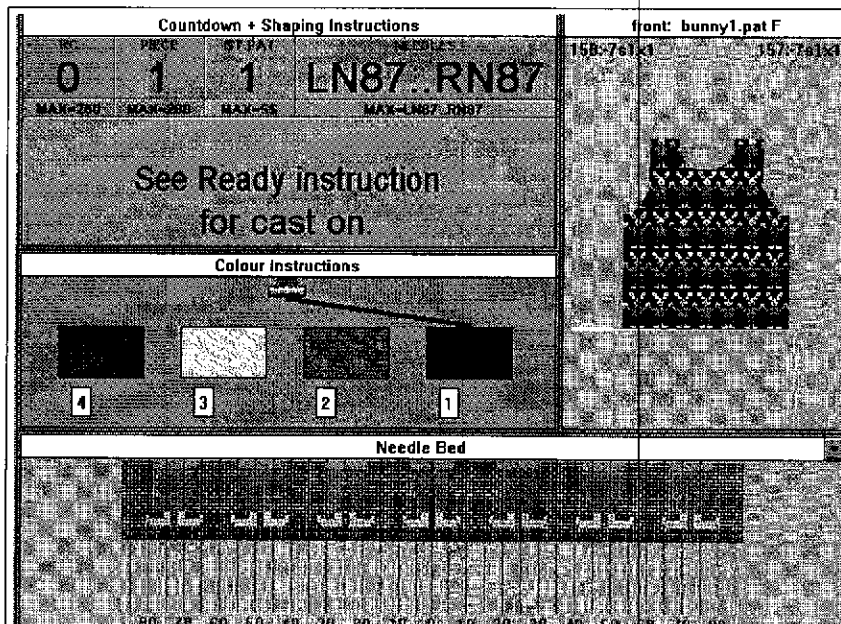
Using an electronic machine makes it possible to knit garments with very large designs, including those with different designs on the back, front and sleeves. Imagine drawing out, or entering in with buttons, a design of that size. However, this is not necessary when using DesignaKnit with a link to an electronic machine, since the stitch pattern can be sent directly to the knitting machine.

Fig. 6

Scanner owners can take a picture or drawing, scan it into the computer, convert it to a stitch pattern and send it to the machine for knitting. Fig. 3 shows a garter stitch pattern scanned from a large bamboo design and converted into a DesignaKnit stitch pattern so that it is the correct size for the front of the garment to be knitted.

JACQUARD

For garments to be knitted in two, three or four colours in a



diagrams

row jacquard, the design can be colour separated in several different ways before sending it to the knitting machine, making it possible to knit designs like that in Fig. 4 without loss of detail. The computer will automatically be checking and may alter part of the design, as necessary, for this type of knitting. When knitting jacquard, garment pieces are easier to knit without neck shaping and the block can quickly and easily be converted to a cut and sew shape in Stitch Designer. This produces a new design, as shown in Fig. 5, which can be knitted without any shaping, or the armholes can be shaped while knitting and the neckline shaped later by the cut and sew method.

KNITTING

After completing the design of the garment, DesignaKnit can be used while knitting. If the knitting machine, punchcard or electronic, is connected to the computer with a link, the movement of the carriage is detected while knitting. This automatically moves the garment block forward row by row and the shaping and colour changes are shown on

the screen (Fig. 6). When using version 6, there is even a voice option, for those who cannot face the computer screen while knitting, which tells the knitter how many stitches to cast off and where to change colour.

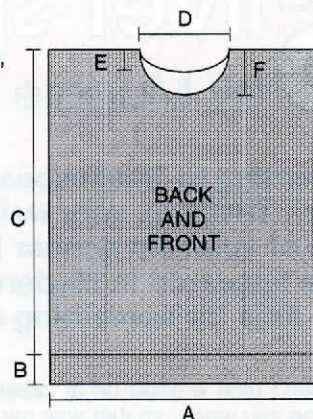
Those are the advantages of using DesignaKnit – but what equipment is needed and how is it used? I will be answering these questions in the rest of this series.

Diane has produced two books about DesignaKnit, "The DesignaKnit User's Guide" for owners of version 5 and "The DesignaKnit 6 for Windows User's Guide" for owners for version 6. These are available from your local dealer for £5.95 or direct from Diane Bennett at:-

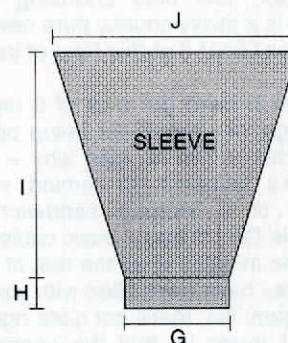
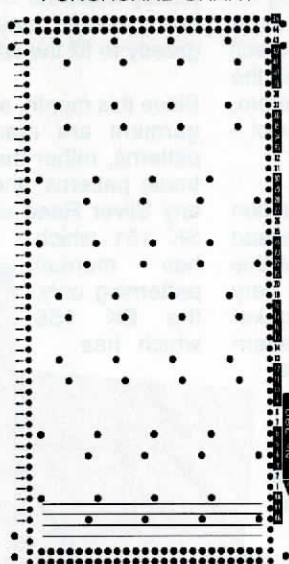
**9 Huntley Grove, Nailsea
Bristol BS19 2UQ**

The price is £6.20 including postage. Also available from this address is DesignaKnit Link, Diane's quarterly newsletter for DesignaKnit owners – the subscription is £10 for the year, including four issues and a disk.

A = 50.5 [55.5, 60.5, 65.5, 70.5] cm
B = 7 cm
C = 56 cm
D = 21 cm
E = 1.5 cm
F = 7.5 cm
G = 27 cm
H = 6 cm
I = 36.5 cm
J = 53.5 cm



PUNCHCARD CHART



DesignaKnit Link

THE newsletter for all DesignaKnit owners.

Four issues per year + free disk £10 UK, £12.50 Europe, £14 outside Europe (air) 1994 & 1995 issues also available £9/set UK

Send 1996 subscriptions to Diane Bennett or contact:-

Canada/USA - Doodles, 2050, Lakeshore RdW, Oakville, Ontario L6L 1G7

NZ - Lynda Smithies, 23, Khouri Ave, KARORI, WELLINGTON

S.Africa - Anchen Rudman, 13, Mountain View Cres, Durbanville 7550

Australia - Sheila West, 36 Trusley Way, KARRINYUP, WA 6018

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Single Bed Colour Changer Skirts

Garter Carriage Chunky Knitting

Motif Magic* (for Br. electronics)

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The DesignaKnit User's Guide

User's Guides for KH965/965i*, KH950/950i*, KH930/940/270*, KH900, PPD (please state which model)

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*disks £4.75

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Learn to use DKnit 6 for designing garments - shaping, Stitch Designer, transfer, knit from screen etc

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The KH970 User's Guide

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Nailsea, Bristol BS19 2UQ**

For details of any item or tuition (DKnit, Brother electronics etc.) contact Diane at the address above or telephone: 01275-810067

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the producer of DesignaKnit
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Silver special

by Maggie Dyke

According to Shakespeare, "In spring, a young man's fancy lightly turns to thoughts of love". That's all very well, but I'm more interested in nice warm chunky woollies at this time of year! No sooner had I finished the last of the Silver Reed SK 860 sweaters, that have appeared in Modern Machine Knitting over the last few months, than I decided it was time for something even cosier, so out came my SK 890 chunky gauge machine.

You can't beat a good bit of cabling for keeping you warm, so that was my starting point for this month. I've used Forsell yarn again for all the samples and the garment, this time choosing Slalom, which is a lovely chunky pure new wool – you can't beat it at this time of year.

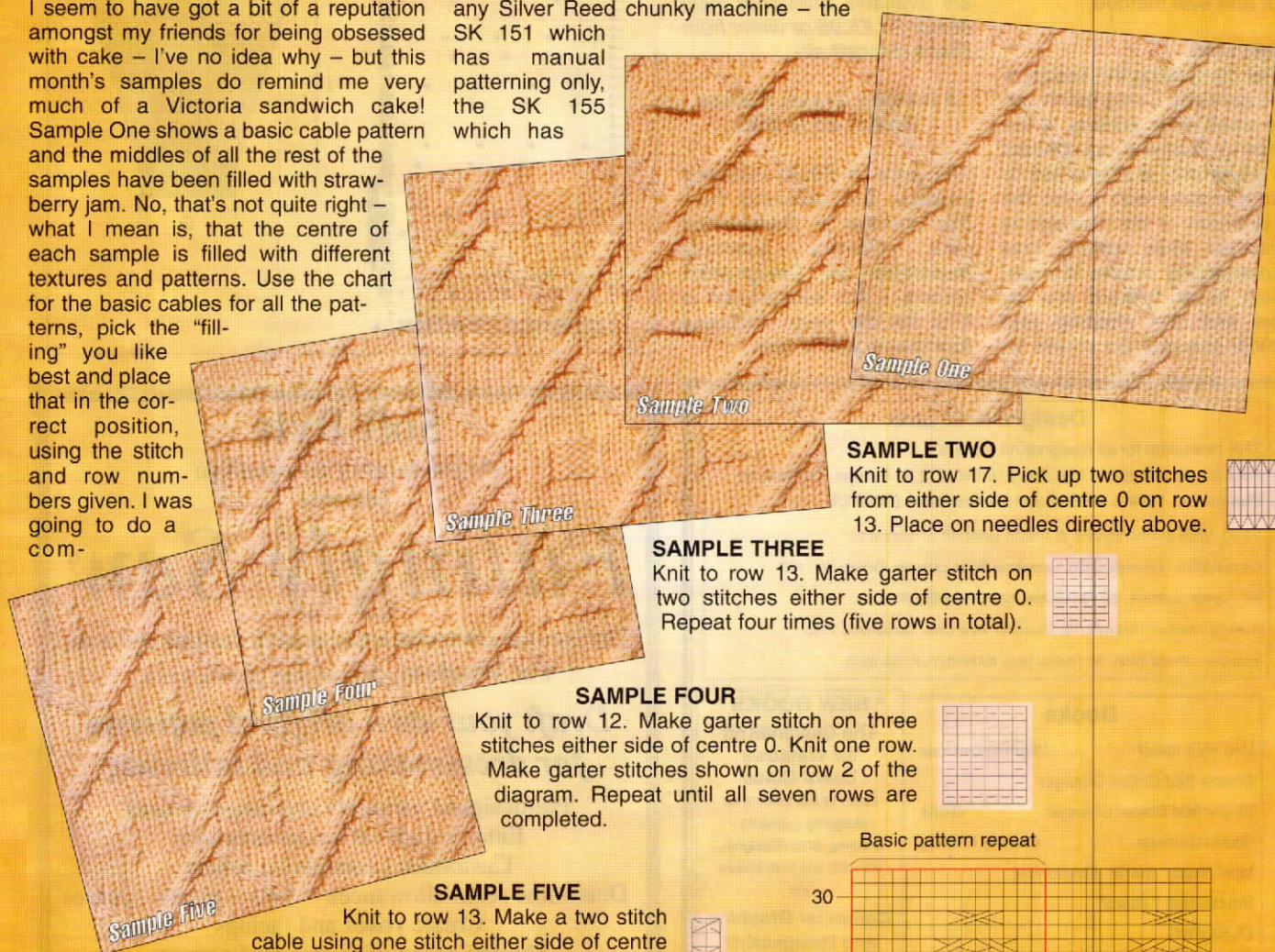
I seem to have got a bit of a reputation amongst my friends for being obsessed with cake – I've no idea why – but this month's samples do remind me very much of a Victoria sandwich cake! Sample One shows a basic cable pattern and the middles of all the rest of the samples have been filled with straw-berry jam. No, that's not quite right – what I mean is, that the centre of each sample is filled with different textures and patterns. Use the chart for the basic cables for all the patterns, pick the "filling" you like best and place that in the correct position, using the stitch and row numbers given. I was going to do a com-

pletely separate chart for each sample, but I thought maybe it would be a bit greedy to fill the whole magazine!

Since this month, all the samples and the garment are made with hand-tooled patterns, rather than punchcard or electronic patterns, they can be knitted on any Silver Reed chunky machine – the SK 151 which has manual patterning only, the SK 155 which has

a punchcard patterning system, or the electronic SK 890 of course, which is the machine I used.

I'm planning on using the chunky gauge machine again next month, so if you've been searching high and low for chunky pattern, stick with me kid!



SAMPLE TWO

Knit to row 17. Pick up two stitches from either side of centre 0 on row 13. Place on needles directly above.



SAMPLE THREE

Knit to row 13. Make garter stitch on two stitches either side of centre 0. Repeat four times (five rows in total).



SAMPLE FOUR

Knit to row 12. Make garter stitch on three stitches either side of centre 0. Knit one row. Make garter stitches shown on row 2 of the diagram. Repeat until all seven rows are completed.



SAMPLE FIVE

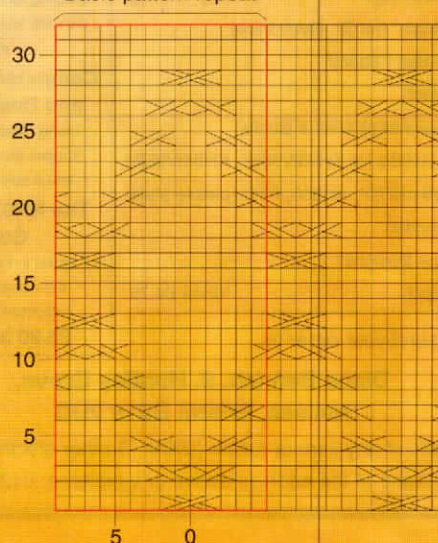
Knit to row 13. Make a two stitch cable using one stitch either side of centre 0. Replace left-hand stitch first. Repeat on following two alternate rows (three cables in total).



BASIC PATTERN REPEAT

- = 4 st cable. Replace left-hand sts first.
- = 3 st cable. Replace left-hand sts first.
- = 3 st cable. Replace right-hand sts first.

Basic pattern repeat



Chunky Aran Sweater



by Maggie Dyke

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CHUNKY ARAN SWEATER

4

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed SK 890 Chunky gauge electronic machines with a ribber and GB 9 Garter Bar.

If you don't have a ribber, work ribs in K1 P1 rib as given in instruction manual.

MATERIALS

Forsell Slalom. (Yarn Guide No.18.)
1 x 1000 g cone in Scoured Aran (MY).

GARMENT WEIGHT

Finished garment in first size weighs 910 g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- T Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG. Tel: 0116-278 6281.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 87 [92] cm, 34 [36] in.
Actual size 99 [105] cm, 39 [41½] in.
Length to shoulder 70 cm, 27½ in.
Sleeve seam 47.5 cm, 19 in, before turning up cuff.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION

20½ stitches and 27 rows to 10 cm, 4 in measured over cable pattern (tension dial setting approximately 3).
16 stitches and 30 rows to 10 cm, 4 in measured over garter stitch pattern (tension dial setting approximately 3).

For perfect results, please check your tension carefully.

KNITTING NOTES

- a) We used main bed side of knitting as right side of garment.
- b) When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

*Designed by
Maggie Dyke*

over rem Ns, bringing Ns back to WP. Finish to correspond with first side, reversing shaping.

FRONT

Work as for Back to **. K 38 rows. RC shows 148.

SHAPE NECK

Using a length of MY, cast off centre 14 sts. Using nylon cord, K 37 [40] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 35 [38] sts rem, then on every foll alt row until 28 [31] sts rem. K 12 rows. Cast off. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Finish to correspond with first side, reversing shaping.

SLEEVES

With carriage at left and using MY, cast on 46 sts at centre of machine in 1x1 rib. Work as for Back from * to *. Shape sides by inc 1 st at each end on next and every foll alt row until there are 62 sts, then on every foll 4th row until there are 72 sts, then on every foll 5th row until there are 104 sts. RC

BACK

With carriage at left and using MY, cast on 104 [110] sts at centre of machine in 1x1 rib. * K 3 circular rows. Carriage is at left. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-2/MT-2, K 13 rows. Transfer sts for st st. Set RC at 000. Using MT, cont in cable patt from chart *. K 108 rows.

SHAPE ARMHOLES

Cast off 8 sts at beg of next 2 rows. 88 [94] sts **. K 60 rows. RC shows 170.

SHAPE NECK

Using a length of MY, cast off centre 26 sts. Using nylon cord, K 31 [34] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Dec 1 st at neck edge on next and foll 2 alt rows. 28 [31] sts. Cast off. With carriage at left, unravel nylon cord

shows 115. Place marker at each end. K 3 rows.

SHAPE TOP

Set rassel levers to 1. Push 9 Ns at opposite end to carriage to HP on next 10 rows. Break yarn. Push all Ns from HP to UWP. Cont in st st. Using WY, K a few rows and release from machine. Push 80 Ns at centre of machine to WP. With right side facing, replace sts on to Ns, dec evenly. Unravel WY. Using MY, * K 1 row. Using garter bar, turn work and replace on to Ns. Rep from * 9 more times. Using MT+4, K 1 row. Cast off with a latch tool.

COLLAR

Join right shoulder seam. Push 80 Ns to WP. With right side facing, pick up sts around neck edge and place onto Ns. Using MT and MY, * K 1 row. Using garter bar,

turn work and replace on to Ns. Rep from * 44 more times. Using MT+4, K 1 row. Cast off with a latch tool.

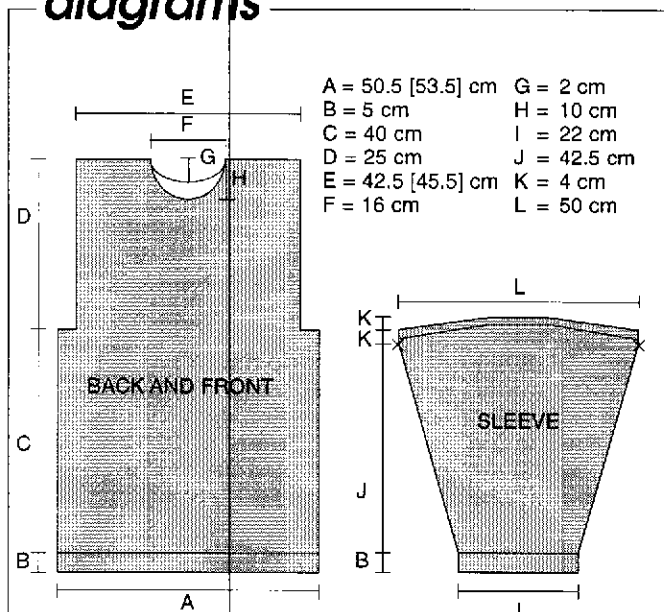
PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

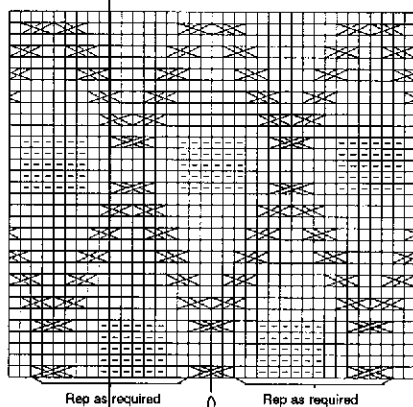
MAKING UP

Join left shoulder and collar seam, allowing collar to roll to right side. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams. Give final light steam.

diagrams



CABLE CHART



KEY

- = Cross 2 sts at left in front of 2 sts at right
- = Cross 1 st at left in front of 2 sts at right
- = Cross 1 st at right in front of 2 sts at left
- = Drop st and reform for reverse st st

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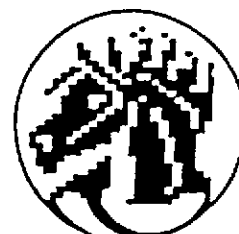
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Each electronic picture has complementary 24st patterns and the electronic graphs are the correct mylar sheet size and easy count stitch format. If you can't find it in your local stockist please order direct from from Jo at the above address.

The book is £3.25 + 35p p&p and there are also disks to go with it for Brother and DesignaKnit for £4.95 + 25p p&p. Brother Disk users will find the number each design has on the Disk helpfully displayed in the book.

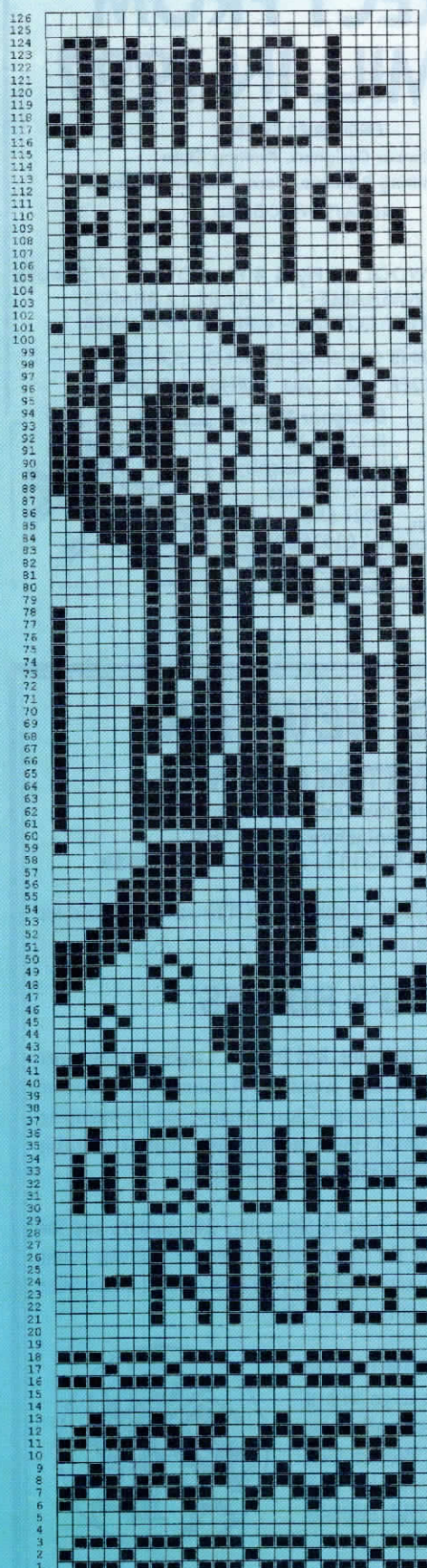


Picture parade

by Jo Newton

SIGNS OF THE ZODIAC - AQUARIUS

24st ELECTRONIC CHART



Aquarius the water carrier carries the water of knowledge, with which in my picture he is watering the tree of life. Those born under this sign are said to be humanitarian, compassionate and visionary.

The wavy line of the "sigil" that goes with this sign can symbolise waves on the water of consciousness, or less obviously, serpents of wisdom.

The sigil sign forms the first part of the 24-stitch repeating pattern, all or some of which can be used by itself or with the complementary electronic designs. In its own right it makes a bold band starting above the welt of a jumper, or across the chest. It can be repeated on the sleeves, either in its entirety or just a smaller part, perhaps with the dates and wording omitted.

Those who have the more modern electronic machines will be able to use the larger 93-stitch picture which features a frame of all the signs of the Zodiac. There are ultra-long float threads at rows 17, 25 and 90 and my advice for handling these is, as

always, to ignore them as they happen then when the piece is finished to snip them in the middle and darn in each end.

As before, I am more than happy to add these patterns to any Brother or DesignaKnit Disk bought from me. *Please see my advertisements elsewhere in this magazine and also in previous issues of Modern Machine Knitting* for full details of my booklets. Each of these has a Disk to go with it and please feel free to telephone me to discuss special rates for *Machine Knitting Monthly* readers.

Jo Newton
Barrowby Old Hall
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YARNS USED Forsell Shamal

* 24 Stitch Pattern

574 Teal on 588 Parchment

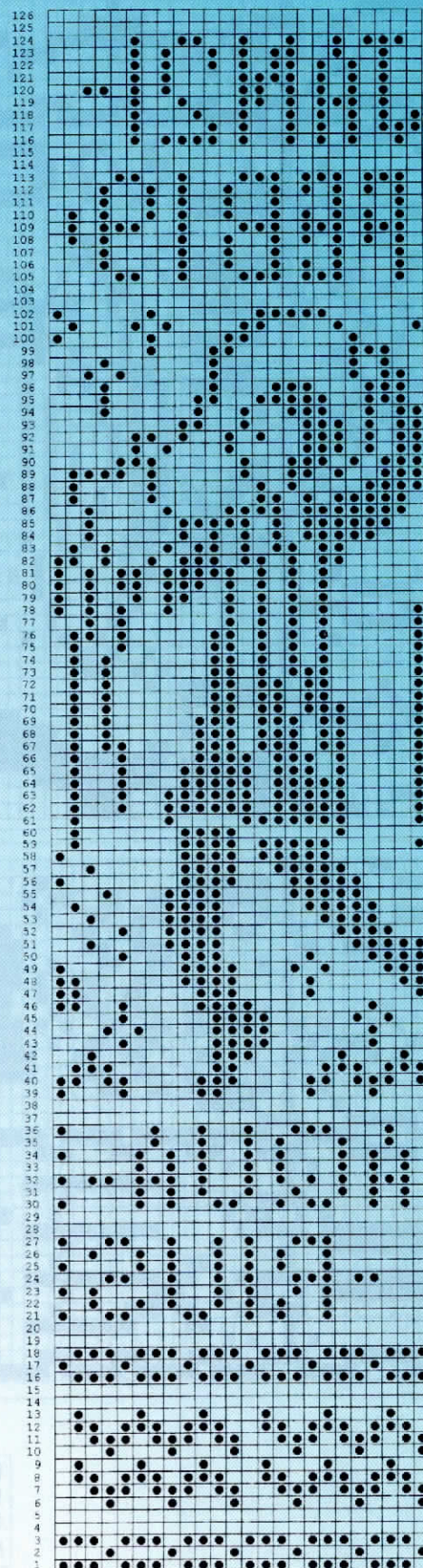
* 60 Stitch Pattern

518 Admiral on 512 Sky Blue

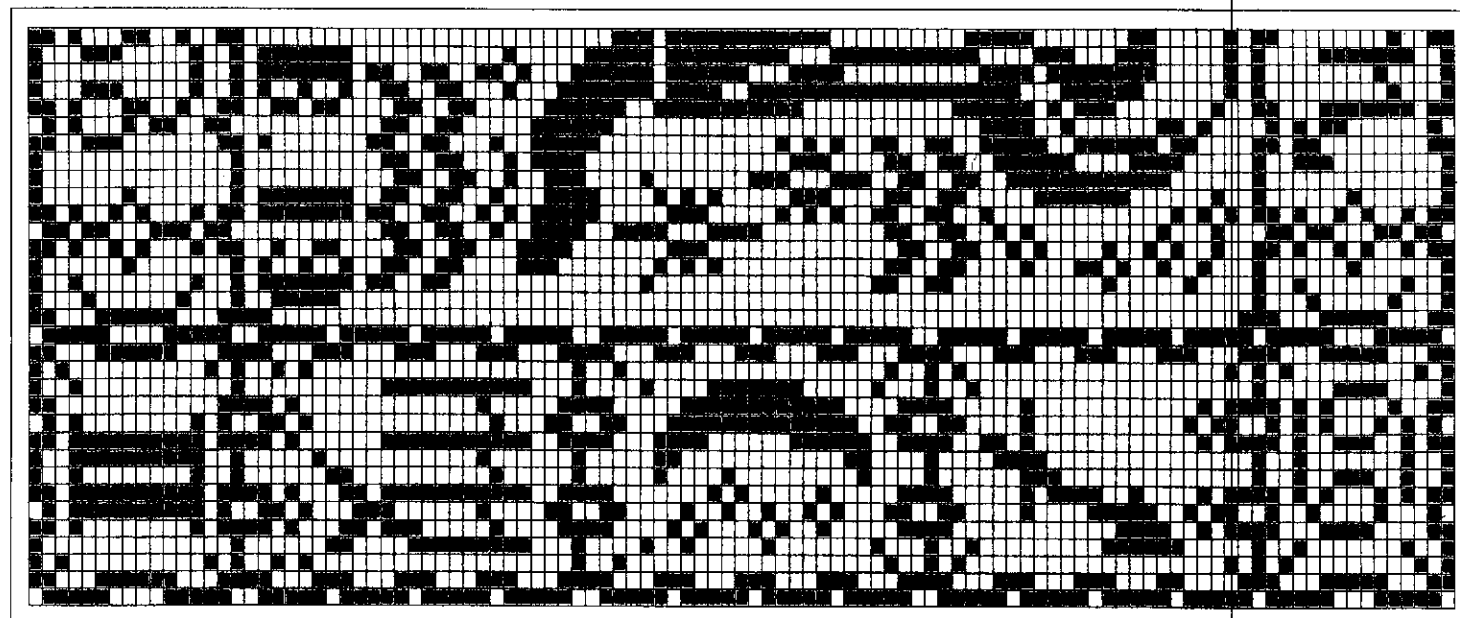
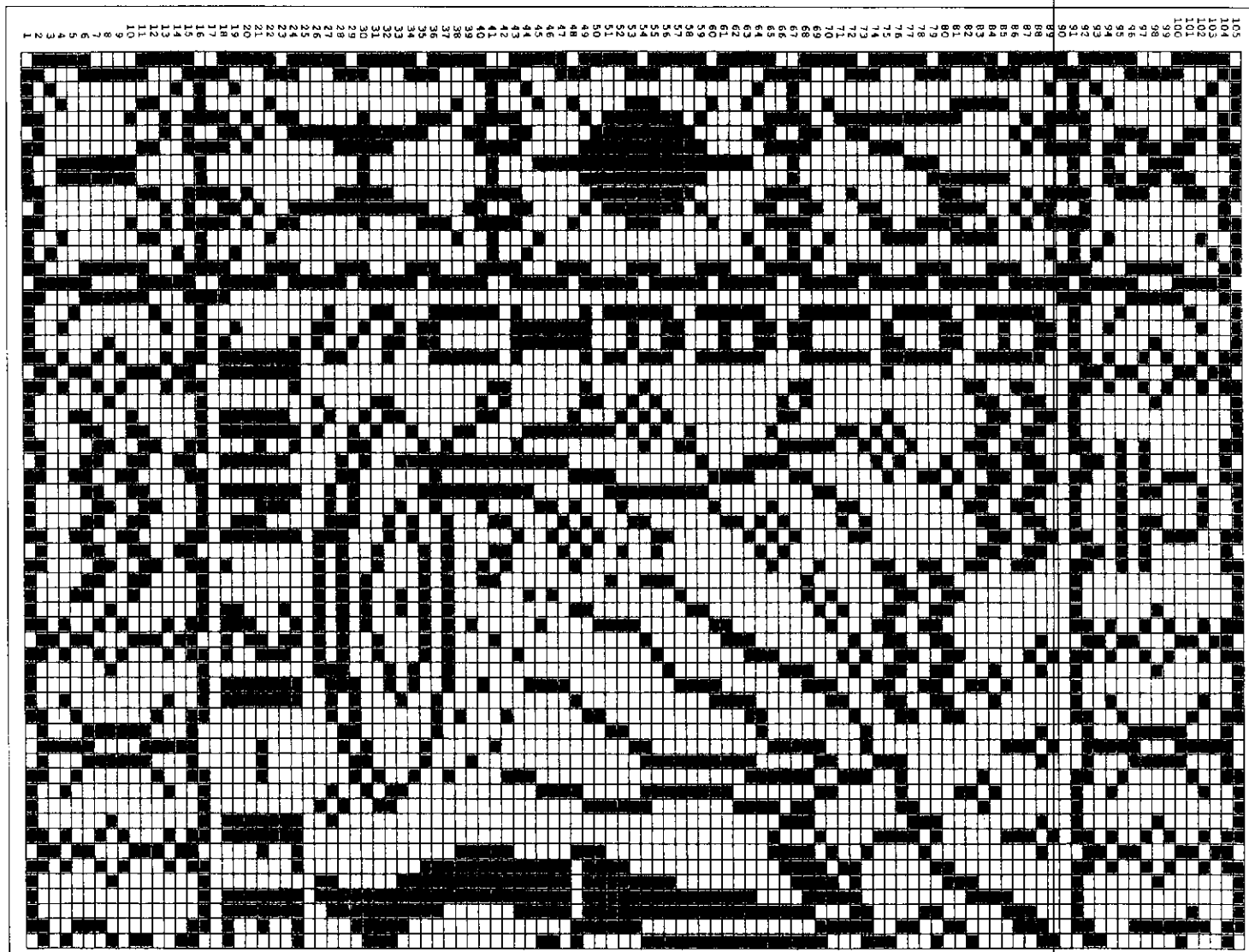
* 93 Stitch Pattern

503 Sea Mist on Clematis

24st PUNCHCARD CHART



93st ELECTRONIC CHART
Total pattern size 105 rows by 93 stitches



ELECTRONIC MACHINES

Remember to use the Pattern Variation Switch on your machine to reverse the pattern on your knitting, if required.



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ROSE DIAMONDS

5

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Spectrum Linaria 4-ply. (Yarn Guide No.11.)

1 x 500 g cone in Fraise (MY).

GARMENT WEIGHT

Finished garment in first size weighs 340 g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address: Spectrum Yarns, Spa Mill, New Street, Slaithwaite, Huddersfield, West Yorkshire HD7 5BB. Tel: 01484 843732.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.

Actual size 98 [108, 118] cm, 38 1/2 [42 1/2, 46 1/2] in.

Length to shoulder 68.5 cm, 27 in.

Sleeve seam 47 cm, 18 1/2 in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

32 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

a) We used knit side of knitting as right side of garment.

b) When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

Mary Smith

BACK

With carriage at right and using MY, cast on 160 [176, 192] sts at centre of machine in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 32 rows. Transfer sts for st st *. Set RC at 000 **. Using MT, K 162 rows. Place marker at each end. K 112 rows. RC shows 274.

SHAPE SHOULDERS

Cast off 14 [15, 16] sts at beg of next 4 rows and 13 [15, 17] sts at beg of foll 4 rows. Cast off rem 52 [56, 60] sts.

FRONT

Work as for Back to **. Using MT, cont in patt from chart. K 162 rows. Place marker at each end. K 86 rows. RC shows 248. 26 rows less have been worked to shoulder than on back.

SHAPE NECK

Push 88 [96, 104] Ns at left to HP and cont on rem sts for first side. K 2 rows. Push 6 Ns at neck edge to HP, K 2 rows. Push 4 [5, 5] Ns at neck edge to HP, K 2 rows. Push 3 [4, 4] Ns at neck edge to HP, K 2 rows. Push 2 [2, 3] Ns at neck edge to HP, K 2 rows. Push 1 [1, 2] Ns at neck edge to HP, K 2 rows. Push 1 N at neck edge to HP on next and foll alt row. 54 [60, 66] sts. K 11 rows.

SHAPE SHOULDER

Cast off 14 [15, 16] sts at beg of next and foll alt row, K 1 row. Cast off 13 [15, 17] sts at beg of next row, K 1 row. Cast off rem 13 [15, 17] sts. With carriage at left, push 72 [80, 88] Ns at left from HP to

UWP and finish to correspond with first side, reversing shaping. Push rem 52 [56, 60] Ns from HP to UWP. Using WY, K a few rows and release from machine.

SLEEVES

With carriage at right and using MY, cast on 68 sts at centre of machine in 1x1 rib. Work as for Back from * to *. Using WY, K a

few rows and release from machine. Push 80 Ns at centre of machine to WP. With carriage at right and P side of WY facing, replace sts on to Ns inc evenly. Unravel WY. Set RC at 000. Using MT, shape sides by inc 1 st at each end on every 4th row until there are 160 sts. K 20 rows. RC shows 180. Adjust length at this stage, if required. Cast off.

NECKBAND

Join right shoulder seam. With carriage at right and using MY, cast on 128 [136, 144] sts at centre of machine in 1x1 rib. K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 12 rows. Transfer sts for st st. With P side facing, pick up 52 [56, 60] sts across back neck, 12 sts down right side of front neck, 52 [56, 60] sts across front neck and 12 sts up left side of front neck and place on to Ns. Unravel WY. Cast off.

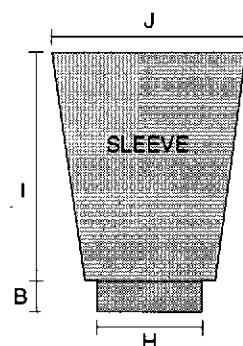
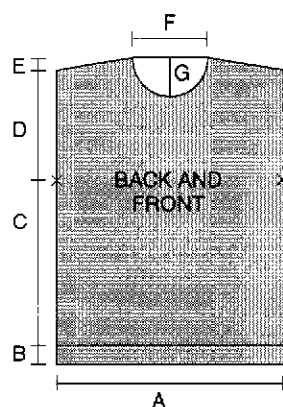
PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves between markers. Join side and sleeve seams.

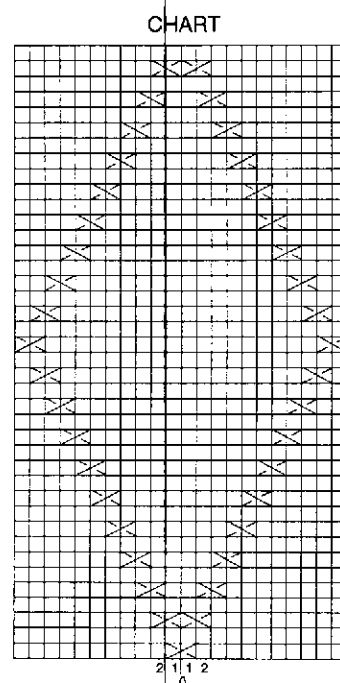
diagrams



- A = 50 [55, 60] cm
B = 6.5 cm
C = 36.5 cm
D = 25.5 cm
E = 1.5 cm
F = 16 [17.5, 18.5] cm
G = 7.5 cm
H = 25 cm
I = 40.5 cm
J = 50 cm

- KEY
X = Cross st at left in front of st at right
X = Cross st at right in front of st at left

CHART
Repeat pattern, centred over Ns 40 and 41, at left and right of centre 0.





Letters, hints & tips

edited by John Blakeman

Every month our postbag proves to us just how generous you all are when it comes to sharing the secrets of successful machine knitting - and this month is no exception.

Dear John,

I have thought of buying a set of Woolley Weights but I have an electronic knitting machine and have been told that the magnets may interfere with the electronics of my machine. This puts me off at the moment. The weights would be useful because I do quite a lot of double bed work and have seen them in use. They are just the ticket. Have you any advice?

Mrs H Hughes,
Leicester

Dear Mrs Hughes

Thank you for your letter. For those readers who have never come across them, a Woolley Weight comprises a metal bar (available in various lengths) which is applied to the back of the knitting and is held in place by strong magnets encased in a plastic handle which are placed opposite the bar on the front of the knitting. Their advantage is that they are quick and easy to move and do not invade the fabric being knitted like combs and claw weights.

Yes, magnets can affect electronic equipment. Now that many of us are using computers, disc drives, floppy discs, memory cards, pattern cartridges and display screens (either TVs or monitors) you need to be thoughtful about these as well as the electronic knitting machine.

There is one simple golden rule in using Woolley Weights. Always leave the magnets on the bar provided except when applying the weights to the knitting. This "neutralises" or limits the magnetic field and makes it safe to leave the weights anywhere.

To prove this, when you get some, go to the fridge. Slide the magnet from the bar on to the fridge. You will see what a strong magnet it is! Now slide the magnet back on to the bar and see if any part of the bar and magnet together, will stick to the fridge. You will find they won't. When applied to the bar the magnets are perfectly safe and do not present a problem. N.B. They should always be stored like this.

While I'm on the subject, a general rule is always to keep unprotected strong magnets away from your TV and monitor screens and especially your floppy discs! Remember things like hi-fi speakers also contain strong magnets and TVs and monitors produce strong magnetic fields when in operation.

I hope this will reassure many knitters' fears about magnets and electronics. Don't be put off from getting really useful tools!

Regards, John

Dear John,

I've just learned of a way of making buttonholes in single bed stocking stitch button bands, which requires no sewing. Other machine knitters might be interested in this method.

The button band is knitted sideways, that is, the length of the band is across the machine bed. I normally tackle the band in three stages - shoulder seam to shoulder seam, plain side and buttonhole side.

Hang the garment on to the shanks of the needles with the "wrong" side facing you. Work out the total width of the button band in rows. **This is a double band.**

Knit a quarter of the required number of rows. Work out how many buttons you want and their spacing over the needlebed. Keep a note of the needle positions which correspond with the buttonholes.

Take a single cast-on cord and knit this in by hand over the individual stitches where the buttonholes are required. These stitches need to be slack, so take the needle back to non-working position to make a large loop before carefully bringing the needle back out to holding position. Work your way over the needlebed for the number of buttonholes required.

Knit another quarter of the total number of rows required, a turning row, then another quarter of the rows. Take the stitches **holding** the cast-on cord and place them on to needles which correspond with the buttonhole positions. These will now have two stitches on them.

In turn, bring each of the buttonhole needles slowly forward until the back stitch is held on the shank of the needle just beyond the needle latch. Knit this off leaving just one stitch.

The next stage needs an example to explain it clearly. Say the button hole is six stitches wide. Counting from left to right, move stitch 2 on to needle 1 and knit off. Move the new stitch to needle 2 leaving needle 1

empty. Repeat by moving stitch 3 to needle 2 and knit off. Continue in this way until all six needles are empty then bring the six empty needles out to working position. Do this at each buttonhole position.

Now take each stitch being held by the cast-on cord and place them on to the corresponding empty needles. Knit the remaining quarter of the band and join to the garment using your preferred method. Pull out the cast-on cord. This leaves pre-sewn buttonholes down the length of the band.

Yours sincerely,
Mrs T Mackendrick,
Perth

Dear Mrs Mackendrick,
Thank you for taking the time and effort to share this technique with us. I'm sure many other readers will want to use it. I've had a go and it works very well.

I always found buttonholes so much of a fiddle that the cardigans I've knitted must have worn out years ago. If they learn of this, my family and friends will refuse to take "NO!" for answer.

Regards, John

CLUB NEWS

"Knitters have fund-raising plan sewn up" - Crewe Chronicle.

Leighton Hospital staff and patients had Christmas all stitched up thanks to knitters who staged a sale for charity. The Haslington Machine Knitting Club made woolly socks, sweaters and children's toys to sell in aid of the hospital Mighty Magnet Appeal.

Every month the dedicated club members have held a craft stall in the Outpatients Hall, helping raise more than £1,700 towards the magnetic resonance scanner.

The appeal co-ordinator Julie Almond said "They are doing a splendid job. Their knitwear is gorgeous and it always sells out straight away".

The club had set themselves a target of £1,000, but have well exceeded that. The hospital is really grateful to them for all their hard work. Last month's stall helped the appeal total reach a special milestone in the effort to raise £1 million. The

fund broke the £300,000 mark. Much more effort is needed if the team is to raise the money by the two-year deadline.

Haslington Machine Knitting club would love to hear from any other knitters in the Leighton Hospital catchment area (both hand or machine) who would be willing to knit, say just one item, as they have been fortunate to have had wool donated. If you are willing to knit, the club can supply the wool.

If you are a would-be knitter with a machine on top of the wardrobe or under the bed (and we know there are many of you), why not dig it out and come and join them.

If you would like further information please telephone

either Chris Cooper on 01270 582187 or Doris on 01270 585564. They will be pleased to help you to help them.

Let me first say thank you for your letter. Your fund-raising sounds quite a lot of hard work over the last two years, but to have doubled your target must have made everybody involved jump for joy! The team and I wish you all good luck for 1997 and we hope that the Hospital will reach it's target for that much needed equipment.

Perhaps Haslington Machine Knitting Club's ideas will be a useful model for people throughout the country. I know that many clubs do try to make a contribution to the community.

John

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by John Blakeman

A book for Brother, Knitmaster and Silver Reed users, 46 pages, A4. Provides thorough explanation of the technique for plain and multi-colour pattern knitting. Includes practical exercises, patterns for a two-colour and three-colour Double Jacquard jumper, advice and hints and tips.

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SKIING BEAR SWEATER

6

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge machines with a ribber and intarsia facility.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No.11.)

1 x 500 g cone in Powder Blue (MC).

1 x 500 g cone in Warm White (A).

100 g in Black (B), 100 g in Brown (C), 50 g in Emerald (D), 50 g in Raspberry (E), 50 g in Beige (F), 50 g in Yellow (G), 10 g in Silver Grey (H) and 10 g in White (I).

GARMENT WEIGHT

Finished garment in first size weighs 190 g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F W Bramwell & Co, Unit 8b, Simonstone Business Park, Blackburn Road, Simonstone, Burnley, Lancashire BB12 7NQ, or telephone 01282 779811.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit chest 68 [71, 76] cm, 26 [28, 30] in.

Actual size 78 [83, 89] cm, 31 [33, 35] in.

Length to shoulder 50 [54, 58] cm, 20 [21½, 23] in.

Sleeve seam 39 [43, 47] cm, 15½ [17, 18½] in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

28 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch and intarsia (tension dial setting approximately 6).

For perfect results, please check your tension carefully.



KNITTING NOTES

- We used knit side of knitting as right side of garment.
- Always twist yarns together when changing colours in intarsia to prevent a hole forming.
- Work 152 rows from intarsia chart on Front, then continue in st st and MC.
- Work all background sts beyond the edge of chart the same as the edge st of chart.

BACK

With carriage at right and using MT-4/MT-4 and A, cast on 111 [119, 127] sts at centre of machine in 1x1 rib with extra st at left. K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. K 25 rows. Transfer sts for st st *. Set RC at 000. Using MT, K 42 rows. Using MC and A only, cont in intarsia from chart for Front working rows 42 to 61 inclusive in reverse to graduate A into MC (omitting the bear). RC shows 62. Using MC, K 113 [129, 145] rows. RC shows 175 [191, 207]. Using a length of MC, cast off centre 67 sts. Push 22 [26, 30] Ns at left to HP. Using WY, K a few rows over rem 22 [26, 30] sts and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

*Designed by
Christiana
Products*

FRONT

Work as for Back to *. Set RC at 000. Using MT, K 1 row. Cont in intarsia from chart over 48 Ns at left and 48 Ns at right of centre O. K 154 [170, 186] rows. RC shows 155 [171, 187]. 20 rows less have been worked to shoulder than on Back.

SHAPE NECK

Push 69 [73, 77] Ns at left to HP. Cont on rem sts for first side. Push 1 N at neck edge to HP on next 20 rows. 22 [26, 30] sts rem. Using WY, K a few rows and release from machine. With carriage at left, push 42 [46, 50] Ns at left from HP to UWP. Finish to correspond with first side, reversing shaping. Push rem 67 Ns from HP to UWP. Using MC, K 1 row. Cast off.

SLEEVES

With carriage at right and using MT-4/MT-4 and A, cast on 53 [57, 61] sts at centre of machine in 1x1 rib with extra st at left. K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. K 30 rows. Transfer sts for st st. Set RC at 000. Using MT, shape sides by inc 1 st at each end on next and every foll 4th row until there are 67 [71, 75] sts. RC shows 25. Using MC, cont to inc on every 4th row from previous inc until there are 103 [107, 111] sts, then on every foll 5th row until there are 113 [119, 127] sts. K 3 [14, 20] rows. RC shows 125 [141, 157]. Adjust length at this stage, if required. Cast off loosely.

JOIN RIGHT SHOULDER

Push 22 [26, 30] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MC, K 1 row. Cast off with a latch tool.

JOIN LEFT SHOULDER

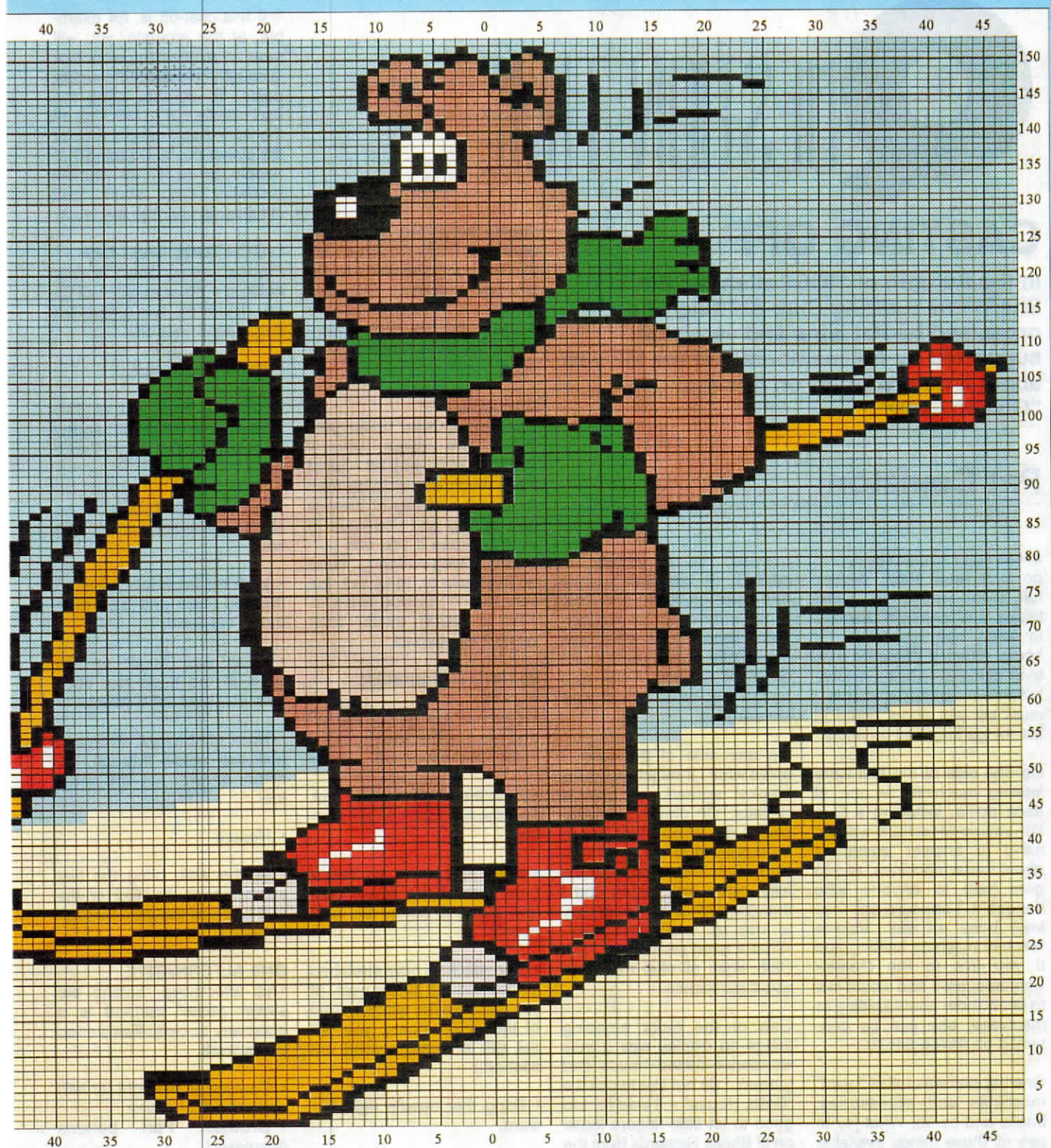
Work as for right shoulder but read left for right.

NECKBAND

With carriage at right and using MT-4/MT-4 and MC, cast on 135 sts at centre of machine in 1x1 rib with extra st at left. K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. K 20 rows. Transfer sts to main bed. Cast off.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet



cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side, sleeve and neckband seams. Sew cast on edge of neckband into position. Fold in half and catch down on inside.

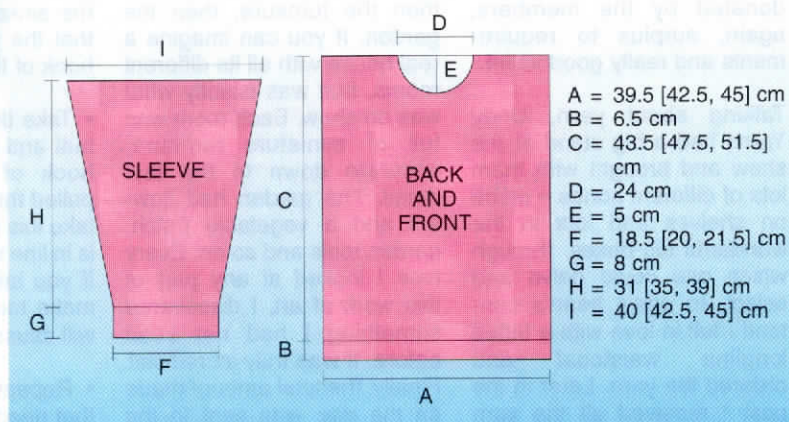
This delightful bear is exclusive to us but there are 15 different and endearing animal designs in the Animal Magic pack of A4-size,

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The pack, which includes a pattern for a crew neck jumper in size 22-inch chest, costs £14.99 including p&p from:

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QUESTION TIME

CASTING OFF

In the Autumn of 1996 I attended the Sherborne Knitting Club Knitting Show, organised by Pat Ivins and very well supported by the members. Let me tell you about it before I start on this month's "Golden Oldie".

Pat Coulston

It was such a real pleasure to go to a small show, packed full with interesting sales tables and garment displays to keep one enthralled for hours. What a pleasure also to sit at a table and have lovely home-made refreshments. I must tell you about some of the things they had on show.

On one side of the hall were knitting machines – one of each make, including a Duo 80! Valerie Meecham was on hand to answer questions about these machines, and to give help to anyone who needed it. I am sure she was kept busy all day. Valerie teaches machine knitting and if you live in the Dorset/Somerset area and would like to know more about knitting or machines, she can be contacted on 01406 54670.

One big stall was full of "used" machines and accessories, books and so on. What joy to see all these things available and to pick up bargains. There was also lots of yarn donated by the members, again, surplus to requirements and really good value.

Talking about yarn, Undy Yarns had a big stand at the show and brought with them lots of different cones – some on shelves and lots in the wonderful big boxes, through which one could delve and select, to one's heart's content! I fell in love with a felted longline waistcoat and ordered the yarn. Later in the post I received all the yarn

needed, in a variety of colours, an excellent pattern and notes on felting and, best of all, a template for the garment itself. I felt this was incredible value and quite excellent service. They also had a big table full of new accessories.

On one side of the room I spied what I thought was a big blanket spread out over a radiator. On closer examination, it did indeed turn out to be a blanket made up of tension swatches. It was beautifully joined and edged and I thought, "What a brilliant way to use up one's swatches". What a good project too for a Club since all club members could participate.

One of the most amazing things on display was a truly wonderful knitted house and garden. I do not like to call it a "Doll's House" – it was far too good to let little fingers loose on it! Sheila Richards from the Merriott Knitting Club had started by making the house, then the furniture, then the garden. If you can imagine a real house with all its different rooms, that was exactly what was on show. Each room was full of miniature furniture, accurate down to the last detail. The garden had flowers and a vegetable patch, garden tools and so on. Every time I looked at any part of this work of art, I discovered something I had not seen before. It was truly incredible! Finally, the total amount made on the day, was sent to the

charity supported which, this year, was "Help the Aged". My sincere congratulations to the Sherborne Knitting Club and all those who worked so hard to make the day such a wonderful machine knitting success.

CASTING OFF

It's "Golden Oldie" time again. Below are given several methods of casting off – all of them much easier to do than to describe. If any of them is new to you and you want to try it out, see if you can persuade a long-suffering friend or husband to read out the instructions as you work it. This is much easier than doing it all yourself.

BEHIND THE SINKER POSTS

- Finish at the right or the left and remove the yarn from the feeder (not essential).

- With the single transfer tool, take the first stitch off the needle.

- Bring that stitch so that it goes behind the sinker post and place it on to the next needle.

- The stitch is now stretched out behind the sinker post. (If you just take the stitch in front of the sinker posts, you will not get a nicely spread out cast-off.)

- Bring that needle right forward.

- Take the yarn and wind it around the needle, once near the sinker post and once so that the yarn is placed in the hook of the needle.

- Take the needle back by its butt and allow the yarn in the hook of the needle to be pulled through the stitch. Only take this needle back so that it is in line with the others in WP. If you take it too far, you will make too big a loop and this will cause you problems.

- Repeat for all the stitches that need to be cast off.

- * If this cast-off is, for example, at the armhole, you will need to release the work that is caught up around the sinker posts. To do this, bring the end needle out to HP. Pull off the work that is caught around the sinker posts. Do bring that needle out to HP, or you will probably drop some end stitches as you free the work.

LATCH TOOL CAST-OFF

Please note, this is my method – other people will do this differently. It is a neat but not a loose cast-off.

- Break off the yarn.

- Knit the final row at T10 from right to left if left-handed from left to right, if right-handed.

- Bring the last TEN or so stitches forward just a little way.

- With the latch tool, hook off the end stitch and let it slide below the latch.

- Keep your finger on the latch of the latch tool each time you hook off a needle.

- Hook off the next stitch and pull this stitch through the stitch already on the latch tool.

- Repeat.

- * At the end, bring the last stitch through the stitch on the tool and pull the yarn through to fasten.

ONE ALTERNATIVE

This alternative "behind the sinker posts" method is a good way to cast off at the top of the work.

- Carriage at the right (or left) and put out of action.

- * **Brother:** Part buttons depressed.

- * **Silver or Knitmaster:** Side levers towards you and cam-set to slip.

- Put the first stitch on to the second, going behind the sinker posts and leaving this needle in HP.

- Take the carriage to the left. You will note that only the needle that was in HP knitted.

- Repeat the cast-off and take the carriage to the right.

- * Do this all along. This method saves having to wind the yarn around the needle.

COMBINATION

This cast-off combines the "latch tool" with the "behind the sinker posts" methods.

* Do not knit the final row at a higher tension.

* Left-handers start at the left and right-handers at the right.

• Free the yarn and put the first stitch on to the latch tool.

• Take it behind the sinker post on to the next stitch. Keep the latch tool in the needle hook.

• With the other hand, push the butt of the needle towards you and at the same time pull the needle out with the latch tool.

• Now pull back the needle butt and at the same time push the needle back with the latch tool so that the needle latch closes and the latch tool goes right through the two stitches.

• Free the latch tool from the needle latch, place the yarn into the hook of the latch tool, place the latch tool back on to the needle hook and pull the latch tool towards you, forming a loop.

• Let the loop go behind the latch of the latch tool and you are ready to start again.

* This method is really hard to describe, but fairly easy to do, once you have got the knack. The advantage of it is that you get a neat latched edge, but with looseness, because you are winding fresh yarn around each stitch.

BINDING OFF

Finally, one of the best methods - if you want your cast-off to be really loose - is binding off with a blunt-ended needle. This can either be done on the machine, or the work can be removed with waste yarn and "bound off" as described below. If you remember, leave a tail of yarn after finishing the last row (at the right for right-handers and at the left for left-handers) which you thread up with a blunt-ended needle. If you forget, thread up a length of yarn.

Bring the sewing needle:-

- UP through the end stitch (leaving a tail of this yarn hanging) - DOWN through the second stitch - UP through the end stitch again - DOWN through the third stitch

- UP the second stitch - DOWN the fourth and continue all along.

* Do not pull the yarn tight and, on completion, sew in the tail of yarn.

If you are working off the machine, exactly the same principal applies. You can either undo the waste yarn as you work, or leave it in till you have finished.

FOR 1X1 RIB

• Remove the work (in the 1x1 rib) on contrast colour WY.

• Thread up a blunt-ended needle with yarn.

• Undo the waste yarn until one row remains.

• Work exactly as for the "Binding off" (with work off the machine) given previously, BUT take the needle through two stitches, every time, instead of the one stitch.

FOR EVERY NEEDLE RIB

• Work exactly the same as for the 1x1 rib.

• Remove the work on contrast colour waste yarn.

• Remove the waste yarn down to one row remaining.

• Bind off, going through two stitches each time.

The above method is really good. I made a baby's blanket recently. The cast-on was in an every needle rib and I wanted the cast-off to be as loose. By using this method, I achieved exactly the finish I wanted. Incidentally, I was using the Baby Pram Cover and Cot Blanket designed by June Williams for the E6000. It is done with three colours in a row and is super. If you'd like a catalogue of June's lovely pattern range, she has one for the E6000, price £1.00 and one for 24-stitch punchcard machines, price 50p. The cost is refunded if you order - and you're pretty sure to! The address is June Williams, 8 Dee Close, Oakham, Rutland LE15 6JT.

PASSAP AND PFAFF

Knitters with these machines cannot "cast off behind the sinker posts" because they do not have any. However, you can make "temporary sinker posts" as follows:-

• Handle down. Bring up all needles on the opposite bed to the one on which you are working as far as possible.

• With the single transfer tool, take the end stitch around the needle that is (nearly) opposite to it, placing it on to the next needle.

• Pull that needle out slightly.

• Take the yarn twice around the needle, once near the work on the machine and then into the hook of the needle.

• Take the needle back, so the yarn in the hook of the needle slips through the stitch.

• Continue, but each time you take a stitch on to its neighbour, take it the long way round, going around the needle on the opposite bed.

• On completion, closing their latches with the flat end of the ruler, push all the needles that are still out, back to rest position and the work will be freed.

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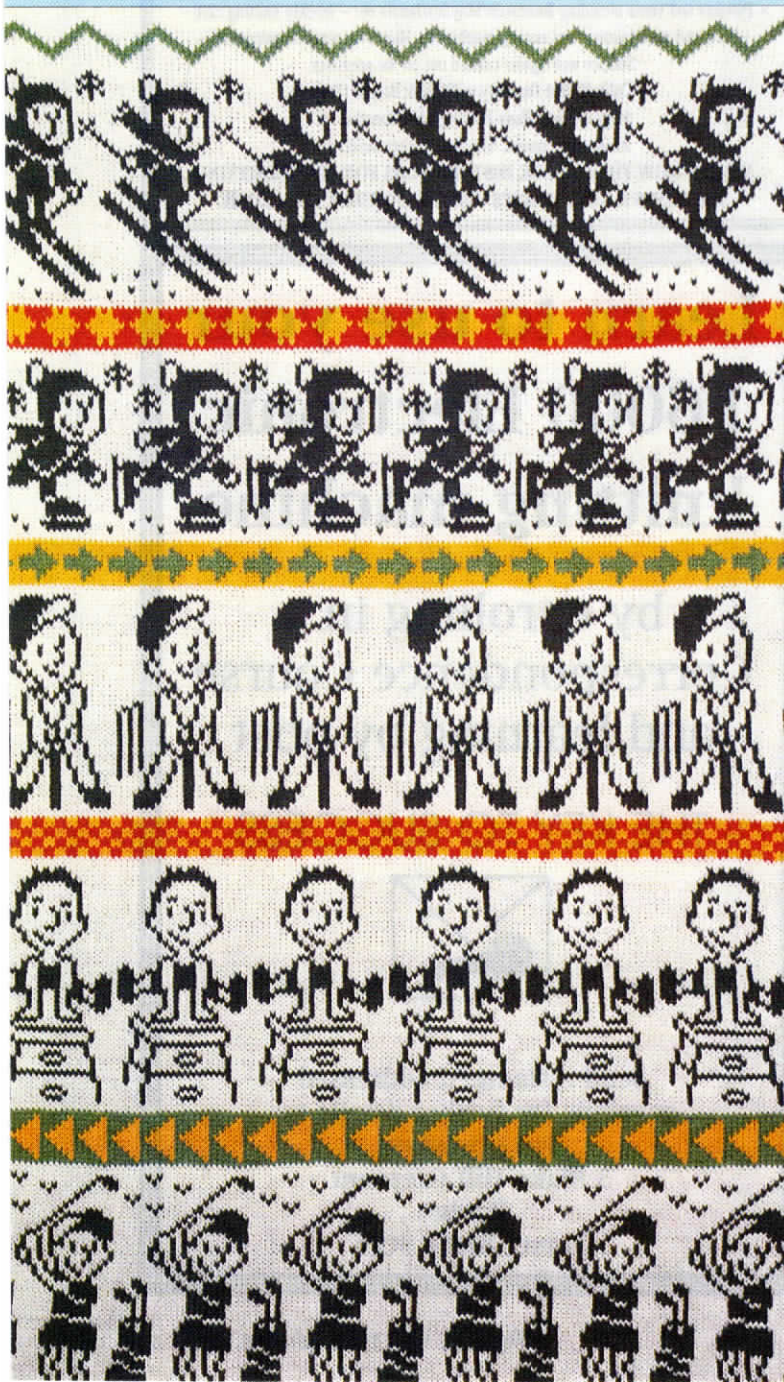
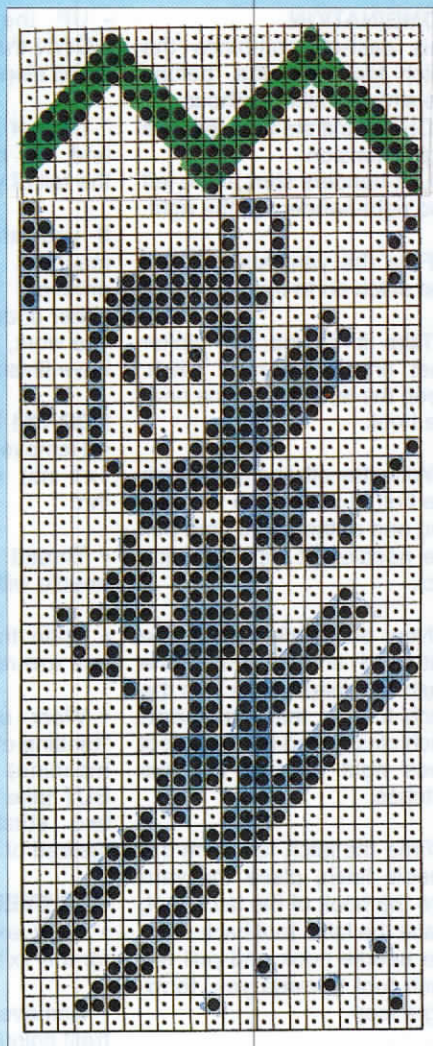
PICTURE KNITTING

SNOW AND ICE

We can't always rely on January and February bringing us snow and ice but thankfully snow can usually be found in the mountains of central Europe. It is to there that many people, especially school children, will be travelling in the next few weeks to enjoy winter sports.

Wendy Phillips

With this in mind you should be able to put this month's pattern to good use. It can of course be knitted in a variety of colours but black, navy or royal blue figures on white are perhaps the most effective. Scarlet, emerald and mustard will create brightly coloured Fair Isle stripes. Consider using the same colours to make a matching ski hat and, if you are really enthusiastic, you could make mittens and a scarf as well. This colourful ensemble would certainly turn heads on any ski slope.



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**This month's
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JOLLY SPORTSMEN - contains 24 cartoon style sportsmen (including the winter sportsmen used this month). Designs include golfer, bowler, cricketer, canoeist, sky-diver, rock-climber, backpacker, windsurfer, water-skier, fisherman, cyclist and gymnast. All designs are for 24-stitch punchcard (electronic charts included).

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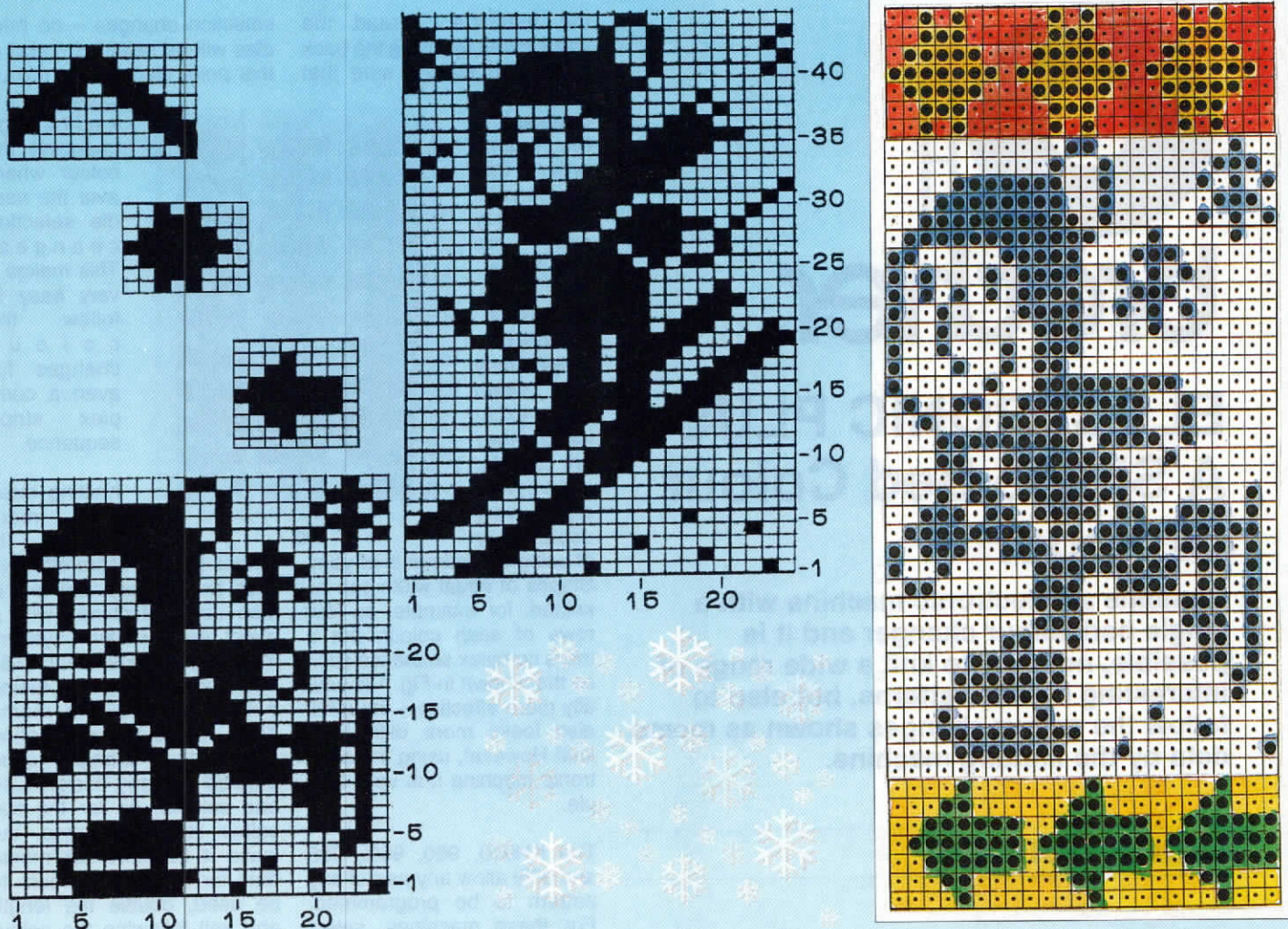
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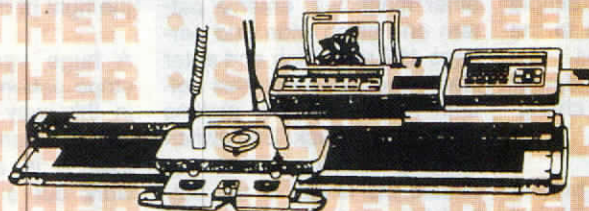
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Diane Bennett

The single bed colour changer is an extremely useful, if slightly neglected, accessory. Double bed colour changers are usually purchased to knit "Fair Isle without floats", but for many knitters the single bed colour changer would be more useful since it can be used to knit a wide variety of fabrics without the use of the ribber.

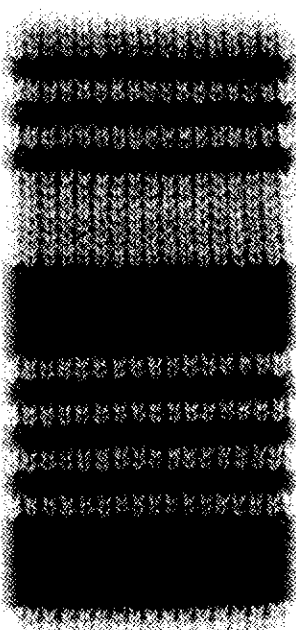


Fig. 1

Don't be tempted to start using the colour changer for the more complex stitches, such as multi-colour Fair Isle. If possible, set it up and learn to use it by knitting simple stripes, then move on to the various stitch patterns. The two main points to remember when using this colour changer are:

1. Do not use the four branch tension assembly supplied with the double bed colour changer, since this pulls the yarn too tightly and makes changing colour very difficult.
2. Thread each colour into the yarn holder carefully, following the diagrams in the instruction book – not threading the yarn correctly is probably the most common cause of problems.

Insert the colour changer on the left side of the needle bed, using the clip supplied if the ribber is in place. Leave the two branch tension assembly in the centre of the bed, then set up the second tension assembly on the left side of the machine. It is not necessary to use the extra stand supplied for this, since there is a slot for it on the left side of

the machine. Thread the yarns carefully, using the back guide and making sure that they are threaded in the same order into the tension assembly and the yarn holder.

KNITTING STRIPES

Stripes may not seem very exciting, but they are simple, effective and a very useful way of using up oddments of yarn. Stripes of equal width can be knitted, for example, as four rows of each colour, but a more complex sequence such as that shown in Fig. 1 is usually more effective – though it also looks more difficult to knit! However, using the electronic machine it is very simple.

The KH910, 950, 950i, 965 and 965i allow any part of any pattern to be programmed. For these machines, select any column of any pattern which has several changes between black and white in that column and has a black square at the bottom. For other machines, enter a pattern one stitch wide and perhaps 116 rows high and enter black and white into this column for the stripes, making the first row black. Use switch number 4 on the machine to double the length of the pattern to ensure that the stripes are an even number of rows and that colour changes will always be on the left.

After programming the selected column, stop with the carriage on the right and set to KC. Knit to the left – needles are selected – change colour but do not set the carriage for a stitch pattern. Knit until the needle

selection changes – no needles will be selected – and at this point change the colour.

Continue knitting, changing the colour whenever the needle selection changes. This makes it very easy to follow the colour changes for even a complex stripe sequence.

Knitting three or more colours in

stripes is even more effective than two colours and this is also easy. Machines with a direct entry pattern system, including the KH965 and 965i, 970 and 940 have a memo button which allows memo data including information about colour changes to be entered into any design. Use one column, as for the two colour stripe sequence, but leave it blank. Enter memo data for the three colours to be used, double the length and knit following the colour sequence in the window. Owners of 910, 950 and 950i machines can use a blank column on a mylar sheet and mark the colour changes on the right of the sheet.

A huge variety of random stripe patterns can be knitted in this way, many of which will be interesting and effective. It is also possible to work out a particular stripe sequence. After knitting a couple of repeats of it, changing colour without information from the machine, draw or enter the required design as described.

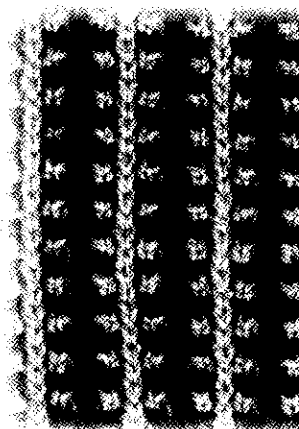


Fig. 2

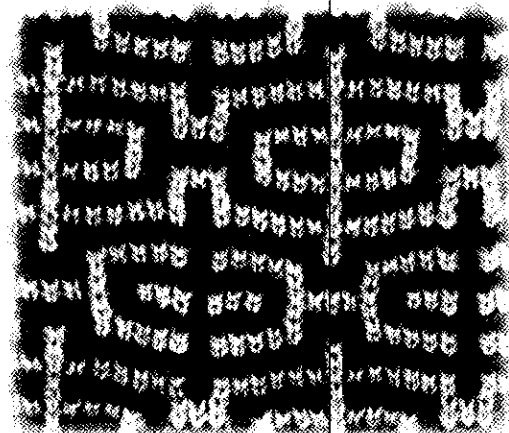


Fig. 3

TUCK AND SLIP STITCH

In the *Stitchworld* book there are a variety of multi-colour tuck and slip stitch designs – pattern numbers 293 to 312 for tuck stitch and 368 to 385 for slip stitch. Look at the graphs of these designs and note that they include memo data, shown on the left side of the graph. This is displayed in the memo window while knitting the design. If using a 950 or 950i machine, press the yellow button to display memo data instead of row numbers.

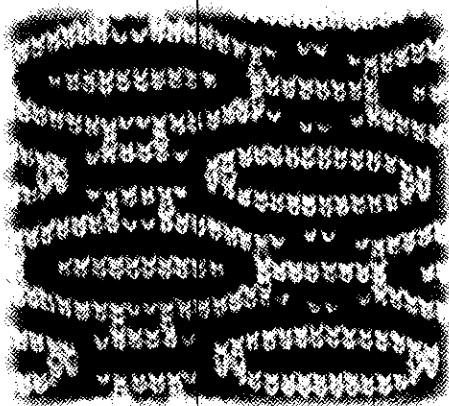


Fig. 4

Fig. 2 is knitted from pattern number 312, following the memo data in the pattern. Stop with the carriage at the right and set to KC, then pre-select. Change colour and set the carriage to tuck by pressing both tuck buttons. Knit the design changing colour every two rows.

The design selected for Fig. 3, also knitted in tuck stitch, gives a larger, bolder effect. Some of the *Stitchworld* patterns use more than two colours, for example pattern number 308 which is a favourite of mine.

These designs can also be knitted in slip stitch, by pressing both part buttons instead of both tuck buttons and this setting should be used for the various multi-colour slip designs – which are not suitable for knitting as tuck stitch. In general, the larger, bolder designs are often more attractive knitted in slip stitch and the simpler designs as tuck stitch. However, it may be necessary to select a particular setting, for example when knitting tuck stitch for a large size because it widens the fabric.

Fig. 4 is knitted in slip stitch from pattern number 375. Knit as for the tuck stitch samples,

pre-selecting from right to left, then pressing both part buttons. Although the examples here have been selected from the designs in *Stitchworld* for multi-colour tuck and slip stitch, do not be afraid to experiment with other designs changing colour by following the tuck or slip design if possible for an even wider variety of effects.

MULTI-COLOUR FAIR ISLE

The Fair Isle patterns numbers 43 to 84 also include memo data for the colour changes to be knitted as illustrated. One colour is used as the background and knitted on every row. The contrast colours, numbered 2 and 3 or 2, 3 and 4 are changed following the memo data.

Only feeder A of the colour changer allows the colour to be changed quickly and easily, so when knitting these designs the main colour is threaded into feeder B and left in that feeder throughout. This means that the needle selection of the pattern must be reversed by putting switch number 6 (7 for 965) on.

When knitting multi-colour Fair Isle, the sequence for starting the design needs to be followed very carefully. Stop with the carriage on the right and set to KC. Remove the main colour from feeder A and thread carefully into feeder B. While threading, check that the yarn clicks into place – if not, take it out and try again. The yarn must be moved with the carriage on the right because it is very difficult to change its position on the same side as the colour changer. However, if the next row is knitted normally, all the stitches will fall off! Bring all the needles to holding position and set to Fair Isle – which makes the machine knit

all the stitches with the yarn in feeder B (the main yarn). On the left, remove the main yarn from the yarn holder, press for the contrast colour to be used and then knit the design changing the contrast colour as shown by the memo data.

This method was used to knit the sample, Fig. 5 which is *Stitchworld* pattern number 81. While starting the pattern, remember the reasons for making the changes – move the yarn into feeder B to allow the colours to be changed in feeder A, set to Fair Isle and bring the needles forward to avoid dropping stitches. This may help to remind you of the required sequence – but if not, follow it carefully each time to avoid problems.

MULTI-COLOUR LACE

The textured stripes which can be knitted by changing colour while knitting fashion lace designs are very attractive and ideal for edgings, trims and collars. Fig. 6 was

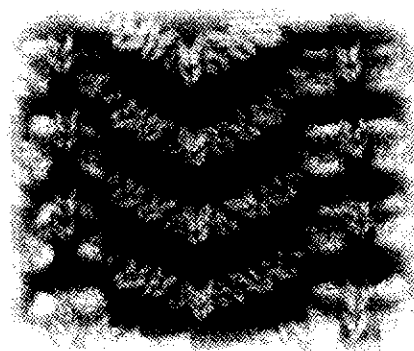


Fig. 6

knitted from *Stitchworld* pattern number 155, changing colour every two rows – this design does not include memo data, so it is important to select and remember the sequence of colour changes.

To knit multi-colour lace, the lace carriage must be on the left side of the needle bed so that the colour changer can be used. Put switch number 1 on to turn the pattern to face

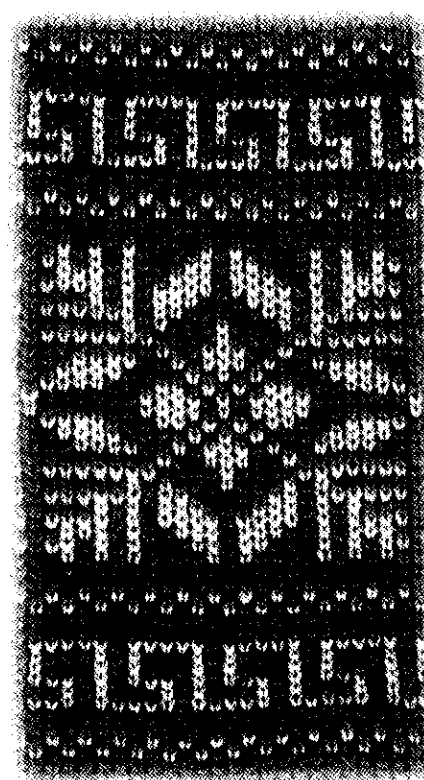


Fig. 5

the other way so that the lace transfers are still correct.

To knit the pattern, start with main carriage on the left, lace carriage on the right. Use the lace carriage for one sequence of transfers, then knit two rows with the main carriage. Change colour, then repeat throughout if using pattern number 155. However, this can be knitted with stripes of different widths and other designs selected.

Don't be afraid to experiment with this and other stitch patterns and the colour changes to see what can be knitted. You will be amazed at the wide variety of effects which are possible.

Note: Owners of the KH970 machine which has different *Stitchworld* patterns should select similar designs.

For information, ideas and patterns for the single bed colour changer used on punchcard and electronic machines, Diane's book "The Single Bed Colour Changer – Patterns and Techniques" is available from your local dealer for £5.25 or from:-

**Diane Bennett
9 Huntley Grove
Nailsea
Bristol BS19 2UQ**

The price is £5.50 including postage.

Designed by

FAIR ISLE PATTERN

BACK AND FRONT

Using MT, K 20 [20, 34, 34, 34] rows MC. Release card and cont in Fair Isle. Using MT+1, K 6 rows MC/B. Lock card on 9th row. Cont in st st. Using MT, K 15 rows MC. * Do not release card. (Electronic Machines - memorise, then lock card on 9th row). Cont in Fair Isle. Using MT+1, K 4 rows MC/C. Lock card on 12th row. Cont in st st. Using MT, K 15 rows MC. Release card and cont in Fair Isle. Using MT+1, K 7 rows MC/B. Lock card on 21st row. Cont in st st. Using MT, K 15 rows MC. Do not release card. (Electronic Machines - memorise, then lock card on 21st row). Cont in Fair Isle. Using MT+1, K 2 rows MC/C. Lock card on 24th row. Cont in st st. Using MT, K 6 rows MC. Release card and cont in Fair Isle. Using MT+1, K 4 rows MC/B. Lock card on 30th row. Cont in st st. Using MT, K 10 rows MC. Release card and cont in Fair Isle. Using MT+1, K 6 rows MC/C, 5 rows MC/B, 2 rows B, 5 rows A/B and 6 rows A/C. Lock card on 24th row. Cont in st st. Using MT, K 10 rows A. Release card and cont in Fair Isle. Using MT+1, K 4 rows A/B. Lock card on 21st row. Cont in st st. Using MT, K 6 rows A. Do not release card. (Electronic Machines - memorise, then lock card on 21st row). Cont in Fair Isle. Using MT+1, K 2 rows A/C. Lock card on 12th row. Cont in st st. Using MT, K 15 rows A. Release card and cont in Fair Isle. Using MT+1, K 7 rows A/B. Lock card on 9th row. Cont in st st. Using MT, K 15 rows A. Do not release card. (Electronic Machines - memorise, then lock card on 9th row). Cont in Fair Isle. Using MT+1, K 4 rows A/C. Lock card on first row. Cont in st st. Using MT, K 15 rows A. Release card and cont in Fair Isle. Using MT+1, K 6 rows A/B. Remove card. Cont in st st and A*. Using MT, K 18 [18, 24, 24, 24] rows.

SLEEVES

Using MT, K 8 rows MC. Work as for Back and Front from * to *. Using MT, K 9 rows.

TONE ON TONE

7

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Texere Super Soft Superwash Wool 4-ply. (Yarn Guide No. 11.)
1 x 500 g cone in Dark Blue (MC)
1 x 500 g cone in Blue (A)
A small amount each in Red (B) and Orange (C).

GARMENT WEIGHT

Finished garment in third size weighs 635 g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address: Texere Yarns, College Mill, Barkerend Road, Bradford, West Yorkshire BD3 9AQ. Tel: 01274 722191.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust/chest 92 [97, 102, 107, 112] cm, 36 [38, 40, 42, 44] in.
Actual size 95 [101, 105, 111, 116] cm, 37½ [40, 41½, 44, 46] in.
Length to shoulder 66 [66, 71, 71, 74] cm, 26 [26, 28, 28, 28] in.
Sleeve seam 55.5 cm, 22 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

31 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

- We used the knit side of the knitting as the right side of the garment.
- Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
- Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern. If only one colour is given, use this colour to knit in stocking stitch.
- When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.
- On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).
- On Brother electronic machines, place pattern over centre 0.
- The designer recommends that two large weights should be used for the Back, Front and Sleeves and that the ribber comb and weights should be left on the work throughout.
- Claw weights were used on the neck shapings.

BACK

With carriage at right and using MT-3/MT-3 and MC, cast on 150 [160, 166, 174, 182] sts at centre of machine in 1x1 rib. K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. K 31 rows. Transfer sts for st st. Insert card and lock on first row. Using MT, K 1 row. Set RC at 000. Cont in Fair Isle patt. K 120 [120, 140, 140, 140] rows. Place marker at each end *. K 100 rows. RC shows 220 [220, 240, 240, 240].

SHAPE NECK

Push 106 [111, 114, 118, 122] Ns at left to HP. Cont on rem sts for first side. K 10 rows. Using WY, K a few rows and release from machine. With carriage at right, push 62 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side.

FRONT

Work as for Back to *. K 70 rows. RC shows 190 [190, 210, 210,

Willow Tree Knitwear

210]. 40 rows less have been worked to shoulder than on back.

SHAPE NECK

Note patt row on card. Push 80 [85, 88, 92, 96] Ns at left to HP and cont on rem sts for first side. K 2 rows. Push 5 Ns at neck edge to HP, K 2 rows. Push 4 Ns at neck edge to HP on next and foll alt row, K 1 row. Push 3 Ns at neck edge to HP on next and foll alt row, K 1 row. Push 2 Ns at neck edge to HP on next and foll 2 alt rows, K 1 row. Push 1 N at neck edge to HP, K 2 rows. 44 [49, 52, 56, 60] sts. K 20 rows. Using WY, K a few rows and release from machine. With carriage at right and using a transfer tool, push 70 [75, 78, 82, 86] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Finish to correspond with first side reversing shaping. Push rem 62 Ns from HP to UWP. Using WY, K a few rows and release from machine.

JOIN RIGHT SHOULDER

Push 44 [49, 52, 56, 60] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and A, K 1 row. Cast off with a latch tool.

NECKBAND

Push 172 Ns to WP. With P side facing, pick up 8 sts down left side of back neck, 62 sts across back neck, 8 sts up right side of back neck, 16 sts down right side of front neck, 62 sts across front neck and 16 sts up left side of front neck and place on to Ns. Unravel WY. Set RC at 000. Using MT and A, K 1 row. Inc 1 st at left edge. Transfer sts for 1x1 rib. Using MT-2/MT-2, K 28 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

JOIN LEFT SHOULDER

Work as for right shoulder but read left for right.

SLEEVES

Push 106 Ns at centre of machine to WP. Insert card and lock on 9th row. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Cont in Fair Isle patt. K 2 rows. Inc 1 st (2 sts in) at each end on next and every foll 5th row until there are 170 sts K 30 rows. RC shows 188. Cast off.

CUFFS

Push 73 [77, 79, 83, 85] Ns to WP. With carriage at right and P



side of Sleeve facing, replace sts on to Ns dec evenly. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-3/MT-3, K 58 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's

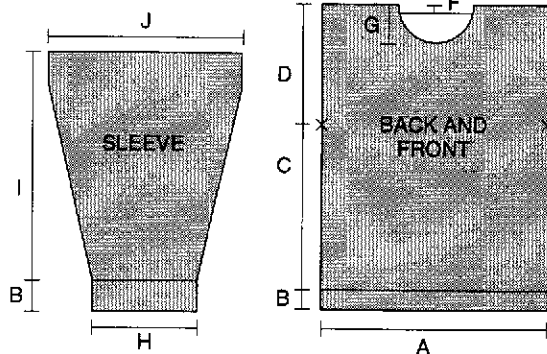
instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

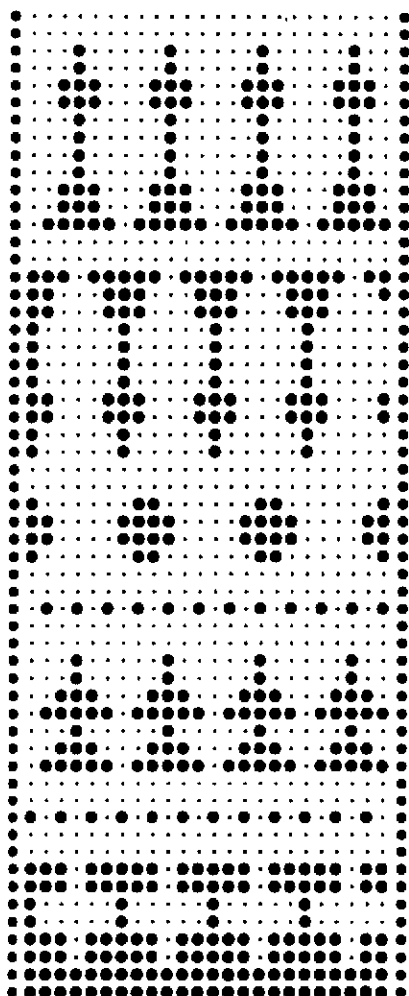
Set in sleeves between markers. Join side, sleeve and neckband seams. Fold neckband and cuffs in half and catch down loops on the inside. Finished garment could be decorated with beads, sequins and so on, as required.

diagrams

- A = 48 [51.5, 53.5, 56, 58.5] cm
- B = 7 cm
- C = 31 [31, 36, 36, 36] cm
- D = 28 cm
- E = 20 cm
- F = 2.5 cm
- G = 10 cm
- H = 34 cm
- I = 48.5 cm
- J = 54.5 cm



PUNCHCARD CHART



DEAR ANNE...

Share your thoughts with us by writing to Anne at the address on page 5.

★ Star Letter ★

Dear Anne,

I wrote the poem that follows for my friend Maureen. She's an avid reader of your magazine and gave me your address. If I am lucky enough to win "Star Letter", I'd like Maureen to have the year's subscription as she's been a good friend to me and my family and deserves something nice.

Yours sincerely
Anne Day
Coleford, Bath

MY FRIEND MAUREEN'S GOT THE BUG

My friend Maureen's a ditty little thing with tiny hands and size two feet
And a nicer, quieter lady, you couldn't hope to meet.
Her husband Brian, gentle giant of a man
Was persuaded to take her to the knitting exhibition in his van.

An avid hand knitter to be sure
She now uses knitting needles no more.
What she saw there really opened her eyes
The Passap 6000 knitting machine was a surprise.
A singing, all dancing, motorised model
Learning to use it would just be a doddle.

Urging Brian to drive faster than the speed of light,
She was determined to have it up and running that night.
Not deterred by the fact you can just see her head
Over the top of the double needlebed.
She now runs off garments at a hell of a rate
And is often up knitting ever so late.

When you meet her outside, she's still so refined
But put her behind that machine and she's blind.
To everything else but stitch patterns and wools
Poor Brian, he's grabbed his wood-making tools.
And taken refuge in the garden shed
But often climbs the stairs alone to his bed.

Anne, how can we resist your poetic tribute to a good friend, even if you are one of the "unconverted"? Of course we have to award your letter our Star and put your friend Maureen's name on our mailing list for a year's free subscription – at least you get £5.00 for your literary effort!

Dear Anne,
Here is my tip for easier machine knitting. I have a wool winder that does not take "hats". My wool always ended in a mess.

Poking around the garage one day, I found a length of pipe insulation. It was only 28 mm but I tried it anyway. Cut off a length a little shorter than

the wool winder and slit where there is a natural groove. Wrap it around the winder. It doesn't quite meet but it doesn't matter because when wound and lifted from the winder, it closes and is very easy to use from the outside. No more tangles!

I am lucky enough to live near Pat Coulston and attend

her classes and club. She is a very patient and wonderful teacher (and would never spill Tippex all over everything as I have just done).

I love your magazine and always have a laugh with Joan Lafferty.

**Yours sincerely,
Mrs B Jary
Poole, Dorset**

Thanks for the tip Mrs Jary and your kind comments about Pat and Joan. We would agree with you entirely, except possibly your remarks about the Tippex, but then we wouldn't dream of tarnishing Pat's halo with tales "out of school"!

Dear Anne,

With regard to the Star Letter in the June 1996 issue on cones taking up valuable space, this is my solution.

When I have cones holding a small amount of wool I mix and match them and knit cardigans from size 22 to 26 or 28 inch chest and donate them to the MacMillan Appeal. They kindly send part of the proceeds to me and the rest to their fund.

This cuts down on the build up of cones and the empty ones go to my neighbour's granddaughter who takes them to the nursery school.

**Yours sincerely,
Mrs M Jackson
Barnsley, South Yorkshire**

A very nice no-waste idea Mrs Jackson. I'm sure other readers will be keen to follow your example but we suggest anyone who wishes to do so should first check with their local MacMillan Appeal shop, or other charity, before beginning, to ensure that their knitted garments will be welcomed.

Dear Anne,

I hope this will inspire anyone who complains of not enough knitting time. I don't know if this is a record for patience and perseverance, but it has just taken me eight years to knit a jumper! Not eight years of knitting, I hasten to add, but eight years from seeing the pattern until holding the finished article.

I fell in love with this particular magazine pattern at once – in December 1988! It was a "winter wonderland" jumper which involved different squares depicting one of six winter/Christmas scenes. My machine at the time was a

basic Brother KH710 which I bought second-hand a few months before to learn on. I managed to master machine knitting using various books and vowed to keep the pattern safely until maybe one day I had a machine that could knit it.

In October 1994, I invested in a Brother KH900 and eventually got round to making some garments to get used to the machine. I do not have much time for knitting at the moment as I am both studying and working.

In December 1995 I unearthed the pattern and realised that I would have to modify the pictures slightly to fit the 24-stitch limit of my new machine. This I did, painstakingly inputting all the data and then trying a sample of each one. Success! But I had run out of time again.

During the Easter break this year, I set to and managed to knit all the main pieces of the garment and complete the neckband. It was looking good. But then no more time as end of year exams were looming.

When the summer break came, I was doing a lot of sewing and gardening but managed to knit the cuffs and all knitting was now completed. Then the garment was put aside again until September when I did the Swiss darning embellishments required and sewed the garment up using the machine.

I have to say I am pleased with the results as the jumper is very striking and I will look forward to wearing it during the festive season. I am pleased I hung on to the treasured pattern but I must be the slowest garment maker around and I find the finishing takes longer than the main knitting.

I have saved up the money from my old machine and hope to buy a lace carriage for the KH900. Then I suppose I can expect my next garment by the millennium.

Thanks for a wonderful magazine – it inspires me and frustrates me because I don't have much knitting time, but once my studies are over, it will be no holds barred.

**Yours sincerely,
Mrs J Tyrrell
Enfield, Middlesex**

This could be the start of another reader survey for the MKM Book of Records! Eight years does seem a long time

but the general "plot" sounds all too familiar so perhaps some other reader can boast of even slower knitwear production. Do let us know if you can. Meanwhile, Mrs Tyrrell, perhaps you should be looking out a pattern now if your next jumper is going to be ready for the millennium! Good luck with it.

Dear Anne,

In your June issue last year, you published a brief note about the pattern writing service provided by Anne Lee in Inverness.

I had promised to knit my daughter a skirt which she particularly liked. It was from a Bramwell pattern book some ten years old. Although I was using exactly the same yarn as the pattern suggested (Bramwell Roseknit) on my Brother 836 punchcard machine, there was no way I could get the exact tension – if I had the correct number of rows, I had too many stitches and if I had the correct number of stitches, I was woefully short of rows. As this skirt is a flared one, knitted sideways and involving a lot of partial knitting, I was in despair until I remembered your note.

I sent off my problem and pattern to Anne Lee on the 12th September and on the 18th September I had the pattern returned and clearly rewritten – a very fast and inexpensive service for the modest sum of £3.00 I thought.

I am sure there are other knitters who might like to take advantage of Anne's services – perhaps you could remind them of her address and charges in a future issue?

**Yours sincerely
Edith V Schofield
Worsley, Salford**

Thank you for telling us your first-hand experience of Anne's service, Edith. We just hope she will be able to keep up with the demand after your glowing recommendation. The following are the brief details given in News Line, June 1996:-

Anne will convert the tension and re-write the pattern for a new stitch and yarn (or an unobtainable tension as in Edith's case) at the small charge of £3.00 plus a sae for the return of the pattern. As an additional service, she will now provide a written pattern for a charted pattern. The chart sent to her must have all

We pay £5 for every letter we publish, provided it has not been accepted or published elsewhere, plus a year's subscription to the magazine for the Star Letter

the relevant measurements on it and she will need the stitch and row tension figures to a 10 centimetre square which have been achieved by the knitter. The cost of this service is from £5.00 plus a sae.

If you would like to know more about her services, write to Anne Lee Knitwear, 78 Culloden Road, Balloch, Inverness IV1 2HH.

Dear Anne,

I am sure this is not a new idea, but it may be a different approach.

Whilst sewing up a plain jumper I reflected on the fact that matching the seams would have been easier if I had marked every 20th row with a contrast yarn.

It then occurred to me that if this was done with different colours, it would be even easier.

The method I recommend is as follows:-

1) Cut a narrow strip of cardboard and punch holes down one side.

2) Write TOP at one end and BOTTOM at the other.

3) Cut at least five lengths of different brightly coloured yarn.

4) Thread one piece of each colour through a hole on the card.

5) Keep the other pieces to hook over the end stitches at every 20th row (or thereabouts) following the order on the card for the back and front of garment.

It does not matter about the order of colour on the sleeves – as long as you use the same colour markers on each side. The yarn can be taken out as you get to it when stitching and re-used next time.

**Yours sincerely
Carol Vile
Trowbridge, Wiltshire**

Thank you Carol for a very useful tip. Some knitters may think "markers" a waste of time but pausing to add them as you knit is much quicker than unpicking a seam that hasn't been matched correctly.

SILVER SCENE

LK 150 - THE GARTER BAR

Well I've blown it again! This month we were supposed to be turning our attention to the GB 6 Garter Bar and the LW 1 Weaving Attachment for the Silver Reed LK 150 machine. I got it half right - we've used the Garter Bar, but the Weaving Attachment sort of fell by the wayside, so we'll have to deal with that another time.

Maggie Dyke

The Garter Bar fits both the LK 150 and also the SK 860 Double Knitting Electronic Machine. Like the standard gauge Garter Bar, it comes in several pieces, which can be

joined together to make it the full length of the needle bed. The idea is that you can take all the stitches off the needles, turn the whole thing round and replace the stitches on

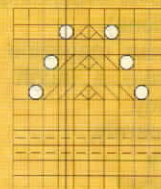
the machine. I quite often like to combine this with making handworked garter stitch on selected needles across the row, so I can combine both vertical and horizontal garter stitches, which is exactly what I've done here for most of the samples.

SAMPLE ONE

We start off by knitting eight rows of stockinet. Counting from the edge of the knitting, six stitches are left alone, then the seventh and eighth stitches are dropped and reformed plainwise, using the latch tool. Don't drop both stitches at the same time however, as this will make it difficult to keep the tension even. Drop every following seventh and eighth stitch right across the row and reform them as before.

Now use the garter bar to take the knitting off the needles. Take the yarn out of the yarn feeder and hook it around the end of the needlebed. Bring all the needles to D position. Lay the eyelets of the Garter Bar into the hooks of the D position needles. If you look at the Garter Bar just below the eyelets, you'll see that

DIAGRAM FOR LACE AND GARTER STITCH PATTERN SAMPLE FIVE



- = empty needle in B position
- < = transfer stitch to right
- > = transfer stitch to left
- = garter stitch

one side is scooped out and the other side is bumpy. The correct way to place the Garter Bar on to the needles is with the scooped out side uppermost. Hold the Garter Bar horizontally, so that it makes an extension to the needles. Now pull the knitting towards you. As the knitting travels up the needles, the latches will close, and the stitches will jump over the closed latches on to the Garter Bar.

I find it helpful to put bar weights (which come with the machine) right along the cast-on edge of the knitting,

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rows and carry on repeating the sequence of dropping and reforming every seventh and eighth stitch, then turning for two rows.

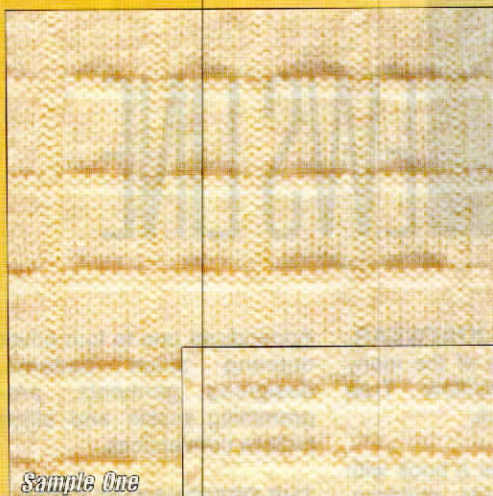
SAMPLE TWO

The second sample uses exactly the same techniques. The only difference is in the number of rows knitted and the stitches which have been reformed. Start by knitting four rows, then drop and reform every fourth stitch across the row. Now turn the knitting as described before. Knit two rows and turn again. Knit another four rows. This time, drop and reform the centre stitch from the block of three on the previous rows. Continue like this all the way through the sample. This basic idea can be used in all sorts of ways, varied by changing the number of rows knitted and the sequence of stitches dropped and reformed. I always think garter stitches of this type look rather rugged and manly, so this could be a good stitch to make a nice chunky sweater for the man in your life! Use the Knit Contour to take care of the garment shape and you can devote yourself to the stitch pattern.

SAMPLE THREE

This sample combines the Garter Bar with handworked garter stitch and cables.

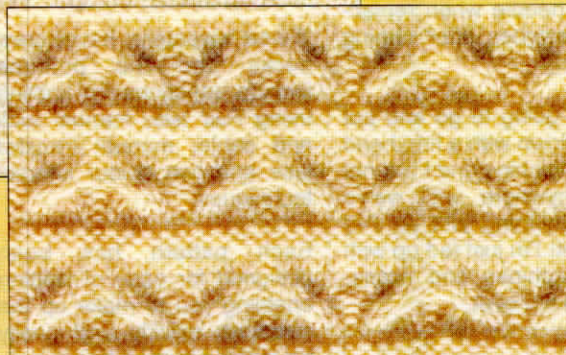
* Knit four rows in stockinet. Drop every fifth stitch, leaving the empty needle in B position. Using two double-ended transfer tools, make the cables on the remaining blocks of four stitches. For the first and every alternate cable, replace the stitches on the right-hand transfer tool first. For the second and every alternate cable, replace the stitches on the left-hand transfer tool first. Knit another four rows. Use the Garter Bar to turn the knitting and then knit two more rows.* Turn it again and then repeat from* to*.



Sample One



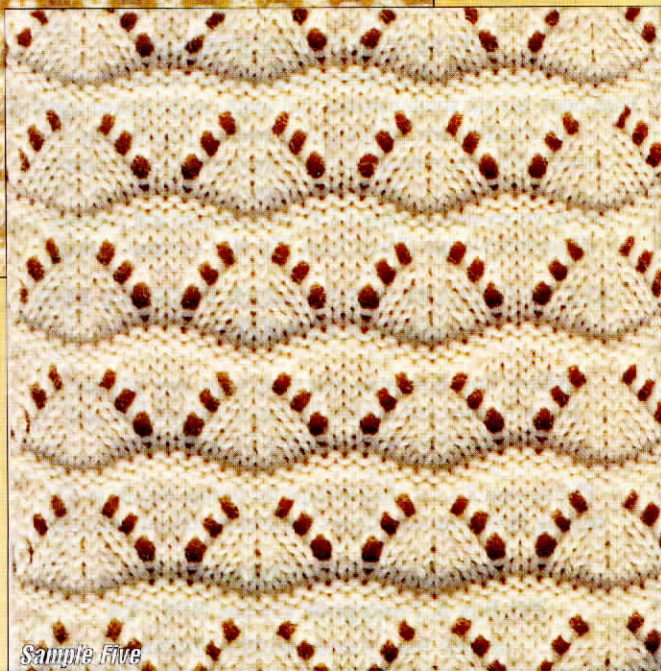
Sample Two



Sample Three



Sample Four



Sample Five

so it gives something firm to pull on. You need to be quite authoritative with this part - unless you are firm, the latches won't close properly and you'll end up with some stitches in the hooks of the needles and some on the Garter Bar and some of them heading for the hills, so let it know who's boss! Once all the stitches are safely on the Garter Bar and pulled right back against the cross piece, lift it up and off the needle hooks. Turn the whole thing around. Unhook the yarn end and tuck it around the other end of the machine.

Now make sure all the needles are still aligned neatly in D position (the Needle Stopper which goes on the needle bed should keep them there) and that all the latches are open. Lay the Garter Bar over the D position needles again, placing the hooks of the needles into the scooped out part of the Garter Bar. Again, hold the Garter Bar firmly and pull it towards you, keeping it horizontal. All the stitches should catch on the hooks of the needles. Just before the Garter Bar disengages from the needle hooks, have a quick look along to make sure all the stitches are held securely. Pull the Garter Bar down, leaving all the stitches on the needles. Take the Needle Stopper off the needle bed and use the straight edge of the Garter Bar to push all the needles back to B position. Take the carriage to the opposite side of the machine (the side where the yarn is), thread it up and you're all ready to carry on knitting.

That's all there is to it! It is actually quite difficult to describe, but very easy to do - trust me! Anyway, back to the sample - knit two rows, then turn the knitting again. Knit another eight

SAMPLE FOUR

The fourth sample combines tuck stitch and the Garter Bar, with no handworked garter stitches at all. Knit two rows in stockinet. * Set the machine to knit Tuck (all the side levers on the carriage are set to the 'back' position). Push two needles to D position. Leave two needles in B position. Repeat right across the row. Knit three rows. Set the Russell lever (the lever at the front of the carriage) on the side nearest the knitting to the 'forward' position. Knit one row. Use the Garter Bar to turn the knitting. Push the blocks of two needles which were left in B position previously, to D position. Repeat the three tuck and one stockinet rows, then turn the knitting again. * Repeat from * to * throughout.

SAMPLE FIVE

The last sample is a handworked fashion lace pattern combined with garter stitch. Fashion lace is the term used for a lace pattern where two or more adjacent stitches are transferred on the same row. The Silver Reed transfer lace carriages will do this automatically, but we can replicate the

effect by using multi-pronged transfer tools. Cast on and knit four rows stockinet. * Turn the knitting with the Garter Bar and knit two rows. Turn the knitting again and knit two more rows. Using the triple-ended transfer tool, transfer three stitches following the diagram and knit two rows. Using the double-ended transfer tool, transfer two stitches following the diagram and knit two rows. With a single-ended transfer tool, transfer a single stitch following the diagram and knit two rows. * Repeat from * to * throughout.

One final tip on using the Garter Bar before I go . . . always put the eyelet at the end of the Garter Bar on the last needle in D position. This makes it much easier to find the end needle when replacing the stitches after turning the knitting.

Now I'm going to go and put my foot down with a firm hand and my machine and I are not going anywhere until we've done something just as I've planned it! I'm just fed up with these machines and accessories taking over.

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NEWS LINE

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Here is just one of the many books that Willow Tree Knitwear produce.

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Willow Tree Knitwear
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Pontypool
Gwent NP4 7YA

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This book is packed full of information on the KH970 – an introduction to the control box, main menu, programming an all-over pattern and single motif, using variations and dividing for a neck.

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Appendices one to four cover entering stitch patterns, designing garments, programming motifs and stitch pattern conversions.

**THE DESIGNAKNIT 6 FOR
WINDOWS USER'S GUIDE**

This book contains seven chapters covering – using the program, shaping, stitch designer, blocks and patterns, windows basics and broadening horizons. Really getting to know a program like DesignaKnit can be fun. Diane gives a good tour of the program, giving the knitter plenty of information to reach a good understanding.

**COMPUTER GRAPHICS
AND DESIGNAKNIT**

If, as a user of DesignaKnit you would like to know more about clip art, pixels, graphics files and scanners, this is the book for you. The seven chapters are filled with information to give a good grounding in all these mysteries.

Readers are given an introduction to the basics of ready-made pictures, art packages, design programs, the use of a scanner, the problems and solutions which they might encounter, graphics files and DesignaKnit and sources of computer images shareware. It is all explained in this book by Diane.

Each of the above books costs £5.95 plus 25p for postage and packaging. They are well worth adding to your collection and can be obtained from:-

Diane Bennett
9 Huntley Grove
Nailsea
Bristol BS19 2UQ

PUMPKIN SOFTWARE

We all know how useful two colour slip stitch can be as an alternative to Fair Isle, especially for children's clothing – no floats to catch little fingers in. But we also know how time-consuming it is to design your own.

Pumpkin Software has now produced SlipStch, a program that allows you to design your own two colour slip stitch patterns simply and quickly. The patterns can be printed and then transferred to your punchcard. The program also handles doubling and reversing. It is suitable for most conventional punchcard machines.

There is also a program for three and four colour slip stitch patterns. SlipStch requires: a 386 computer or higher, with 2Mb of RAM and 20 Mb hard disk drive with

70Kb of disk space available. This will allow you to keep at least 200 patterns on the hard disk. There are two versions: one for a 12 inch monitor and the other for 14 inch and larger monitors.

The price is £25.00 for each of the two programs bought separately or £40.00 for both of them when bought together. They can be obtained from:

Pumpkin Software
96 Standfield Road
Dagenham
Essex RM10 8JT

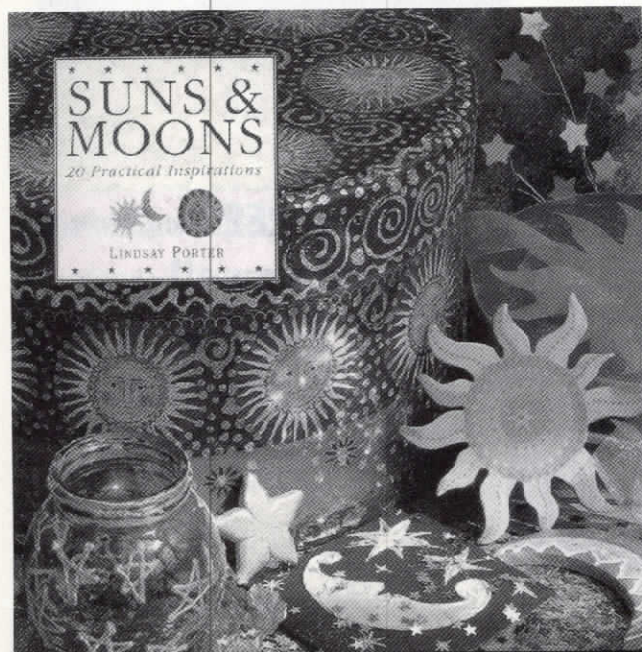
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VISA



8 Baby's Jacket & Dungarees

Designed by Janet Whitmore

Silver Knitter of The Year

First prize in the Day Wear category was won by Mrs Janet Whitmore of Orpington, Kent.

This was the second first for Janet – if that makes sense – because she also came first in the Leisure Wear category with a glamorously different dressing gown. Two firsts mean that Janet's prizes made a grand total of £500 to spend on Silver Reed equipment.

So what does a Silver Knitter choose when she has £500 to spend and an eye for design? You probably guessed! Janet has now added a Silver Reed EC1 Pattern Controller and the latest KD 100 Knit Design System to her equipment so, computer-aided, there should be no stopping her in future design contests.

Janet Whitmore's winning design in the Day Wear category was a colourful outfit for a baby. She used sugar almond pastels from the large range of colours in Bramwell's Fine 4-ply – a popular

and practical acrylic yarn for babies! Here's how she describes the co-ordinated jacket and dungarees in her winning entry.

"A simple diagonal stripe, single bed Jacquard pattern, is used for the sideways knitted jacket. This has been broken up at equal intervals by picking up folded hems which, on completion of the jacket, have been stitched down on alternate sides to create a wave effect. The colours of the stripes change within each section, the folded hems are knitted in two colours.

The dungarees, knitted in stocking stitch, have a circular yoke knitted in single bed Jacquard which is lined with a plain knit. The fastening has been placed at the front left shoulder to make a feature of the novelty buttons."

What more could baby ask for? We have reproduced Janet's pattern so that indulgent grannies who like their knitting interesting can repeat it for their little ones.



SILVER REED machines
& **Bramwell** yarns
make a
winning combination
for all machine knitters!

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for Silver Reed standard gauge electronic machines.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No.11.)

1 x 500 g cone in Lemon (MC).

1 x 500 g cone in Pink (A).

1 x 500 g cone in Mint (B).

8 buttons.

GARMENT WEIGHT

Finished garments weigh 175 g jacket, 135 g dungarees.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F W Bramwell & Co, Unit 8b, Simonstone Business Park, Simonstone, Burnley, Lancashire BB12 7NQ. Tel: 01282 779811.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit chest 50 cm, 20 in.

Jacket

Actual size 62 cm, 24½ in.

Length to shoulder 33 cm, 13 in.

Sleeve seam 19 cm, 7½ in.

Dungarees

Actual size 60 cm, 24 in.

Inside leg seam 18 cm, 7½ in.

Instructions are written for one size only.

TENSION

30 stitches and 38 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial setting approximately 6).

30 stitches and 42 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

a) We used knit side of knitting as right side of garments.

b) Before knitting, prepare any electronic sheets needed from the charts provided.

c) When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

d) Place needle 1 cam at centre 0 and point cams at width of knitting. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).

CHAIN STITCH CAST-ON

Using a latch tool and A, make a loop and place loop behind latch. With yarn at left of first N, bring latch tool up between first and second Ns at left and hook yarn over first N. Pull through loop. Rep all along empty Ns. Place loop from latch tool on last N. Take care when knitting over these sts at left.

JACKET

RIGHT FRONT

Push Ns 21 to 90 inclusive at right of centre 0 to WP. 70 Ns. Insert card 1 and lock on 5th row. Using MT and WY, cast on and K a few rows ending with carriage at left. Using A, K 1 row. Set RC at 000. Release card and cont in Fair Isle with A in feeder 1 and B in feeder 2. K 9 rows.

SHAPE NECK

Inc 1 st at beg of next and foll 2 alt rows. Inc 1 st at left edge on next 4 rows. K 1 row. RC shows 19. Using A, cast on 13 sts at beg of next row. 90 sts. K 6 rows. RC shows 26. Using WY, K a few rows in st st and release from machine.

MAIN PART

LEFT SLEEVE

Push 76 Ns at centre of machine to WP. Insert card 1 and lock on first row. Using MT and WY, cast on and K a few rows ending with carriage at left. Using B, K 1 row. Set RC at 000. Release card and cont in Fair Isle with B in feeder 1 and MC in feeder 2. Shape sides by inc 1 st at each end on every 4th row until there are 90 sts. K 2 rows. RC shows 30. Remove card. Insert card 2 and lock on first row.

HEM

Lock RC. Cont in st st. Using MT-1 and B, K 6 rows. Release card and cont in slip stitch. Using MC, K 4 rows. Remove card. Insert card 1 and lock on first row. Cont in st st. Using A, K 6 rows. Make a hem by picking up loops from first row worked in B and place on to corresponding Ns. Release RC. Release card and

cont in Fair Isle with A in feeder 1 and B in feeder 2. Using MT, K 1 row. Inc 1 st at each end on next and every foll 4th row until there are 104 sts. K 4 rows. RC shows 60. Remove card. Insert card 2 and lock on first row. Set rassel levers to II. Push 38 adjacent Ns at right to HP. Using A, cast on by hand.

HEM

Lock RC. Cont in st st. Using MT-1 and A, K 6 rows. Release card and cont in slip stitch. Using B, K 4 rows. Remove card. Cont in st st. Using MC, K 6 rows. Make a hem by picking up loops from first row worked in A and place on to corresponding Ns. Push 38 adjacent Ns at left to HP. Using a length of A, cast on using chain stitch method. Push Ns back to WP. 180 sts. Insert card 1 and lock on first row. Take carriage across twice without knitting. Release RC. Release card and cont in Fair Isle with MC in feeder 1 and A in feeder 2. Using MT, K 30 rows. RC shows 90. Remove card. Insert card 2 and lock on first row.

HEM

Lock RC. Cont in st st. Using MT-1 and MC, K 6 rows. Release card and cont in slip stitch. Using A, K 4 rows. Remove card. Cont in st st. Using B, K 6 rows. Make a hem by picking up loops from first row worked in MC and place on to corresponding Ns. Using nylon cord, K 90 sts at left by hand, taking Ns down to NWP. Cont on rem sts.

LEFT FRONT

Insert card 1 and lock on first row. Take carriage across twice without knitting. Release RC. Release card and cont in Fair Isle with B in feeder 1 and MC in feeder 2. Using MT, K 7 rows.

SHAPE NECK

Cast off 13 sts at beg of next row, K 1 row. Dec 1 st at left edge on next 4 rows. Dec 1 st at beg of next and every foll alt row until 70 sts rem. K 8 rows. RC shows 116. Cont in st st. Using A, K 1 row. Using WY, K a few rows and release from machine.

BACK

With carriage at right, unravel nylon cord over 90 Ns at left, bringing Ns back to WP. Insert card 1 and lock on first row. Take carriage across twice without knitting. Reset RC to 90. Release card and cont in Fair Isle with B in feeder 1 and MC in feeder 2. Using MT, K 7 rows.

SHAPE NECK

Dec 1 st at right edge on next 4 rows. K 19 rows. RC shows 120. Remove card. Insert card 2 and lock on first row.

HEM

Lock RC. Cont in st st. Using MT-1 and B, K 6 rows. Release card and cont in slip stitch. Using MC, K 4 rows. Remove card. Insert card 1 and lock on first row. Cont in st st. Using A, K 6 rows. Make a hem by picking up loops from first row worked in B and place on to corresponding Ns. Release RC. Release card and cont in Fair Isle with A in feeder 1 and B in feeder 2. Using MT, K 20 rows. Inc 1 st at right edge on next 4 rows. K 6 rows. RC shows 150. Remove card. Insert card 2 and lock on first row. Push 90 adjacent Ns at right to WP. With P side facing, replace 90 sts from Right Front on to empty Ns. 180 sts. Unravel WY.

HEM

Lock RC. Cont in st st. Using MT-1 and A, K 6 rows. Release card and cont in slip stitch. Using B, K 4 rows. Remove 58 ►

card. Insert card 1 and lock on first row. Cont in st st. Using MC, K 6 rows. Make a hem by picking up loops from first row worked in A and place on to corresponding Ns. Release RC. Release card and cont in Fair Isle with MC in feeder 1 and A in feeder 2. Using MT, K 30 rows. RC shows 180. Remove card. Insert card 2 and lock on first row. Using a length of MC, cast off 38 sts at left.

HEM

Lock RC. Cont in st st. Using MT-1 and MC, K 6 rows. Release card and cont in slip stitch. Using A, K 4 rows. Remove card. Insert card 1 and lock on first row. Cont in st st. Using B, K 6 rows. Make a hem by picking up loops from first row worked in MC and place on to corresponding Ns. Using MC, cast off 38 sts at right. 104 sts.

RIGHT SLEEVE

Release RC. Release card and cont in Fair Isle with B in feeder 1 and MC in feeder 2. Using MT, K 5 rows. Dec 1 st at each end of next and every foll 4th row until 90 sts rem. RC shows 210. Remove card. Insert card 2 and lock on first row.

HEM

Lock RC. Cont in st st. Using MT-1 and B, K 6 rows. Release card and cont in slip stitch. Using MC, K 4 rows. Remove card. Insert card 1 and lock on first row. Cont in st st. Using A, K 6 rows. Make a hem by picking up loops from first row worked in B and place on to corresponding Ns. Release RC. Release card and cont in Fair Isle with A in feeder 1 and B in feeder 2. Using MT, K 3 rows. Dec 1 st at each end of next and every foll 4th row until 76 sts rem. K 2 rows. RC shows 240. Cont in st st. Using B, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, block knitting by pinning out to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

CUFFS

Push 48 Ns at centre of machine to WP. With P side facing, replace sts from lower edge of sleeve on to Ns dec evenly. Set RC at 000. Using MT-1 and B, K 16 rows. Using MT+2, K 1 row. Using MT-1, K 16 rows. Make a hem by placing loops of first row worked in B on to corresponding Ns. K 1 row. Cast off loosely.

NECKBAND

Join shoulder seams. Push 78 Ns at centre of machine to WP. With P side facing, pick up 25 sts up left front neck, 28 sts around back neck and 25 sts down right front neck and place on to Ns. Set RC at 000. Using MT-1 and MC, K 12 rows. Using MT+2, K 1 row. Using MT-1, K 12 rows. Cast off loosely. Fold in half and catch down on inside.

WELT

Join side, sleeve and cuff seams. Push 112 Ns at centre of machine to WP. With

P side facing, pick up 28 sts along lower edge of right front, 56 sts along lower edge of back and 28 sts along lower edge of left front and place on to Ns. Set RC at 000. Using MT-1 and MC, K 16 rows. Using MT+2, K 1 row. Using MT-1, K 16 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. K 1 row. Cast off loosely.

BUTTONHOLE BAND

Push 90 Ns at centre of machine to WP. With P side facing, pick up 90 sts along front edge (including welt and neckband) and place on to Ns. Set RC at 000. Using MT-1 and A, K 6 rows. Counting from left edge, make buttonholes over 5th, 6th and 7th Ns and every foll 18th, 19th and 20th Ns. K 6 rows. Using MT+2, K 1 row. Using MT-1, K 6 rows. Make buttonholes over same Ns as before. K 6 rows. Make a hem by placing loops of first row worked in A on to corresponding Ns. K 1 row. Cast off loosely.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

MAKING UP

Neaten ends of bands. The hems are sewn down through the slip stitch bobbles on alternate sides using the same colour as bobbles (see photograph). Finish buttonholes and sew on buttons to correspond.

DUNGAREES

MAIN PART

RIGHT BACK

Push Ns 13 to 58 inclusive at left of centre 0 to WP. 46 Ns. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using B, K 1 row.

SHAPE INSIDE LEG AND CROTCH

Set ruseel levers to I. Push 40 Ns at left to HP, K 2 rows. Push 5 inside Ns from HP to UWP, K 2 rows. * Push 5 inside Ns from HP to UWP and cast on 2 sts at beg of next row, K 1 row. Rep from * 5 more times. Push rem 5 Ns from HP to UWP. RC shows 17. Cast on 54 sts at beg of next row. 112 sts.

SHAPE NECK

K 11 rows. Inc 1 st at beg of next and every foll 4th row until there are 115 sts. RC shows 38.

TUCK

** Lock RC. Using MC, K 6 rows. Make a tuck by picking up loops from first row worked in MC and place on to corresponding Ns. Release RC**. Using A, K 1 row. Inc 1 st at beg of next and every foll alt row until there are 120 sts. K 1 row. Cast on 2 sts at beg of next row. 122 sts. K 1 row. RC shows 51.

SHAPE ARMHOLE

Cast off 3 sts at beg of next and foll 3 alt rows. 110 sts. K 1 row. RC shows 59.

TUCK

Rep from ** to ** using B instead of MC. Using MC, cast off 2 sts at beg of next and foll 4 alt rows, K 1 row. Dec 1 st at beg of next and foll 4 alt rows. 95 sts. K

2 rows. RC shows 80.

SIDE TUCK

Rep from ** to ** using A instead of MC.

RIGHT FRONT

Using B, K 1 row. Inc 1 st at beg of next and foll 4 alt rows, K 1 row. Cast on 2 sts at beg of next and foll 4 alt rows. 110 sts. K 1 row. RC shows 101.

TUCK

Rep from ** to **. Using A, cast on 3 sts at beg of next and foll alt row. 116 sts. K 1 row. RC shows 105.

SHAPE NECK

Cast off 2 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 107 sts rem, K 2 rows. RC shows 122.

TUCK

Rep from ** to ** using B instead of MC. Using MC, K 1 row. Dec 1 st at beg of next and every foll 4th row until 104 sts rem, K 11 rows. RC shows 143. Break yarn. Push 46 Ns at right to HP. Take carriage to left without knitting.

SHAPE INSIDE LEG AND CROTCH

Using MC, K 1 row. *** Push 5 Ns at left to HP on next row and 2 Ns at right to HP on next row. Rep from *** 5 more times. Push 5 Ns at left to HP on next and foll alt row, K 1 row. 6 Ns rem in WP. Push Ns at left from HP to UWP. Using WY, K a few rows over 46 sts and release from machine. Push 58 Ns at right from HP to UWP. Push 3 adjacent Ns at left to WP. Pick up 3 sts from crotch and place on to empty Ns. 61 sts.

CENTRE FRONT TUCK

Rep from ** to ** using A instead of MC. Using WY, K a few rows and release from machine.

LEFT FRONT

Push Ns 13 to 58 inclusive at left of centre 0 to WP. 46 Ns. Using MT and WY, cast on and K a few rows ending with carriage at left. Set RC at 000. Using B, K 1 row.

SHAPE INSIDE LEG AND CROTCH

Push 40 Ns at left to HP, K 2 rows. Push 5 inside Ns from HP to UWP, K 2 rows. * Push 5 inside Ns from HP to UWP and cast on 2 sts at beg of next row, K 1 row. Rep from * 5 more times. Push rem 5 Ns from HP to UWP. RC shows 17. Break yarn. Push 46 adjacent Ns at right to WP. With P side of centre front tuck facing, replace 46 sts at right on to empty Ns. 104 sts.

SHAPE NECK

Using B, K 12 rows. Inc 1 st at beg of next and every foll 4th row until there are 107 sts. RC shows 38.

TUCK

Rep from ** to **. Using A, K 3 rows. Inc 1 st at beg of next and every foll alt row until there are 114 sts. K 1 row. Cast on 2 sts at beg of next row. 116 sts. K 1 row. RC shows 57.

SHAPE ARMHOLE

Cast off 3 sts at beg of next row, K 1 row. Cast off 3 sts at right edge. 110 sts. RC shows 59.

TUCK

Rep from ** to ** using B instead of MC. Using MC, K 2 rows. Cast off 2 sts at beg of next and foll 4 alt rows, K 1 row. Dec 1

st at beg of next and foll 4 alt rows. 95 sts. RC shows 80.

SIDE TUCK

Rep from ** to ** using A instead of MC.

LEFT BACK

Using B, K 3 rows. Inc 1 st at beg of next and foll 4 alt rows, K 1 row. Cast on 2 sts at beg of next and foll 3 alt rows, K 1 row. Cast on 2 sts at right edge. 110 sts. RC shows 101.

TUCK

Rep from ** to **. Using A, K 2 rows. Cast on 3 sts at beg of next and foll 3 alt rows. 122 sts. K 1 row. RC shows 111.

SHAPE NECK

Cast off 2 sts at beg of next row, K 1 row. Dec 1 st at beg of next and every foll alt row until 115 sts rem. RC shows 122.

TUCK

Rep from ** to ** using B instead of MC. Using MC, K 1 row, Dec 1 st at beg of next and every foll 4th row until 112 sts rem, K 11 rows. RC shows 143. Break yarn. Push 54 Ns at right to HP. Take carriage to left without knitting.

SHAPE INSIDE LEG AND CROTCH

Using MC, K 1 row. *** Push 5 Ns at left to HP on next row and 2 Ns at right to HP on next row. Rep from *** 5 more times. Push 5 Ns at left to HP on next and foll alt row, K 1 row. 6 Ns rem in WP. Push Ns at left from HP to UWP. Using WY, K a few rows over 46 sts and release from machine. Push 66 Ns at right from HP to UWP. Push 3 adjacent Ns at left to WP. Pick up 3 sts from crotch and place on to empty Ns. 69 sts.

CENTRE BACK TUCK

Rep from ** to ** using A instead of MC. Using WY, K a few rows and release from machine.

JOIN CENTRE BACK SEAM

Push 54 Ns at left and 12 Ns at right of centre 0 to WP. 66 Ns. With K side of centre back tuck facing, replace 66 sts at left on to Ns. With P side of right back facing, replace 54 cast-on sts on to 54 Ns at left and 12 cast-on sts at crotch on to 12 Ns at right. Using MT and A, K 1 row. Cast off. Graft rem sts on centre tucks to crotch.

CUFFS

Push 50 Ns at centre of machine to WP. With P side facing, pick up 50 sts from lower edge of leg and place on to Ns. Set RC at 000. Using MT-1 and MC, K 16 rows. Using MT+1, K 1 row. Using MT-1, K 16 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. K 1 row. Cast off loosely.

ARMHOLE BANDS

Push 62 Ns at centre of machine to WP. With P side facing, pick up 62 sts around armhole edge and place on to Ns. Set RC at 000. Using MT-1 and A, K 4 rows. Using MT+1, K 1 row. Using MT-1, K 4 rows. Make a hem by placing loops of first row worked in A on to corresponding Ns. K 1 row. Cast off loosely.

JOIN INSIDE LEG SEAMS

Push 92 Ns at centre of machine to WP. With P side of front facing, replace sts on

to Ns. Using MT and A, K 6 rows. Make a tuck by picking up loops from first row worked in A and place on to corresponding Ns. Using WY, K a few rows and release from machine, leaving empty Ns in WP. With K side of front facing, replace sts on to Ns. With P side of back facing, replace sts on to same Ns. Using A, K 1 row. Cast off. Join cuff seams.

YOKE LINING

Push 170 Ns at centre of machine to WP. Using B, cast on by hand. Set RC at 000. Using MT, K 12 rows. Counting from left edge, transfer every 5th st on to adjacent N. Push empty Ns down to NWP. 136 Ns rem in WP. Using WY, K a few rows and release from machine. Push 136 Ns at centre of machine to WP. With P side facing, replace sts on to Ns. Unravel WY. Using B, K 5 rows. Counting from left edge, transfer every 8th st on to adjacent N. Push empty Ns down to NWP. 119 Ns rem in WP. Using WY, K a few rows and release from machine. Push 119 Ns at centre of machine to WP with extra N at left. With P side facing, replace sts on to Ns. Unravel WY. Using B, K 5 rows. Counting from left edge, transfer every 5th st on to adjacent N. Push empty Ns down to NWP. 96 Ns rem in WP. Using WY, K a few rows and release.

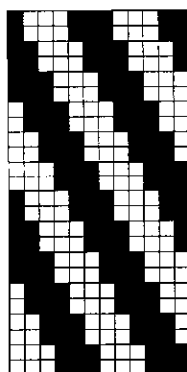
YOKE

Push 170 Ns at centre of machine to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Insert

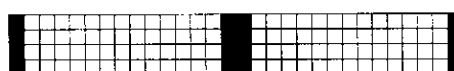
card 3 and lock on first row. Using MC, K 4 rows. Using MT+1, K 1 row. Using MT, K 4 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. Unravel WY when work is completed. Place markers on sts 1, 18 and 72 at left and sts 1, 19 and 61 at right of centre 0 (this is to mark position to join to front and back). Set RC at 000. Using B, K 1 row. Release card and cont in Fair Isle with B in feeder 1 and A in feeder 2. K 6 rows. With MC in feeder 1 and A in feeder 2, K 6 rows. Remove card. Counting from left edge, transfer every 5th st on to adjacent N. Push empty Ns down to NWP. 136 Ns rem in WP. Place marker on centre 2 sts. Using WY, K a few rows in st st and release from machine. Push 136 Ns at centre of machine to WP. With P side facing, replace sts on to Ns with 2 marked sts on centre 2 Ns. Unravel WY. Insert card 4 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1 and B in feeder 2, K 5 rows. Remove card. Counting from left edge, transfer every 8th st on to adjacent N. Push empty Ns down to NWP. 119 Ns rem in WP. Place marker on centre 2 sts. Using WY, K a few rows and release from machine. Push 119 Ns at centre of machine to WP with extra N at left. With P side facing, replace sts on to Ns with 2 marked sts on 2 Ns at centre of machine. Unravel WY. Insert card 5 and lock on first row. Take carriage across twice with-

diagrams

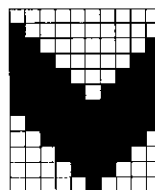
CARD 1



CARD 2



CARD 3



CARD 4



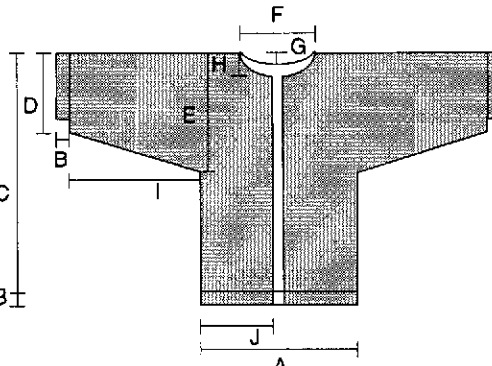
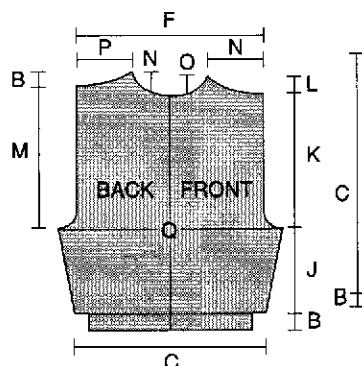
CARD 5



A = 31.5 cm
B = 3 cm
C = 30 cm
D = 12.5 cm
E = 17 cm
F = 12 cm

G = 1 cm
H = 6.5 cm
I = 16 cm
J = 15 cm
K = 19 cm
L = 4 cm

M = 22 cm
N = 9 cm
O = 7 cm
P = 7.5 cm
Q = 38 cm



Welsh Woman of the Year Competition

Our last issue went to press before we could bring you the result of the final judging which would select who was to be "Welsh Woman of the Year".

Let us remind you that our interest was extremely personal since one of the finalists was **Ann Kite**, who has been contributing to *MKM* for many a year. Her current series of *Teach-In* explores the choice of techniques available for knitting the separate parts of a garment and assembling them and she explains these

techniques in great detail. However, Ann's greatest success and claim to fame, is the extraordinarily high quality of the teaching videos she has produced for machine knitters.

Follow one of her videos and anyone can understand the knitting machine and how to



Ann Kite videos give a knitter's-eye view

use it – right from scratch, or moving on to advanced levels. With the skills Ann has acquired and her enormous attention to detail, no movement of knitter or machine escapes the eye of the camera so, should it escape the viewer's notice the first time around, the tape can be rewound to take a better look or to listen more carefully. This, of course, is the essence of video – personal tuition of the most intensive type which can be repeated time and time again.

Ann Kite's unique skill in producing her teaching videos has already won her a major industrial award for excellence, taking second place among entries fielded by large companies and made her one of five finalists in the Science and Technology section of this recent competition from an entry of almost 300. Also among these five was the eventual "Welsh Woman of

the Year", Professor Llora Finlay, medical director of Holme Tower Marie Curie Centre, Cardiff.

Our warmest congratulations go to Ann and, if her success makes you want to see her videos for yourself, you'll find full details in her full page advertisement in this issue.

We've also asked Ann to tell us all about this prestigious competition – the award evening, the television programmes, the excitement and publicity – so look out for her own account of it in a future issue.

For more information about Ann's tuition videos, please contact:-

Ann Kite Educational Services
The Llanerch
New Radnor
Powys LD8 2TP
Tel: 01544-350627

◀ 59 out knitting. Release card and cont in Fair Isle with A in feeder 1 and B in feeder 2. K 5 rows. Counting from left edge, transfer every 5th st on to adjacent N. Push empty Ns down to NWP. 96 Ns rem in WP. Using WY, K a few rows and then release from machine.

NECKBAND

Push 95 Ns to WP. With P side of yoke facing, replace sts on to Ns dec evenly. With K side of yoke lining facing, replace sts on to same Ns dec evenly. Unravel WY. Using MT and MC, K 4 rows. Using MT+1, K 1 row. Using MT, K 4 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. K 1 row. Cast off.

BUTTONHOLE BAND

Push 19 Ns to WP. With yoke lining facing, pick up 19 sts along left side of yoke through both layers and place on to Ns. Using MT and MC, K 4 rows. Counting from left edge, make buttonholes over Ns 3, 4 and 5 and every foll 4th, 5th and 6th N. K 4 rows. Using MT+1, K 1 row. Using MT, K 4 rows. Make buttonholes over same Ns as before. K 4 rows. Make a hem by placing loops

of first row worked in MC on to corresponding Ns. K 1 row. Cast off.

BUTTON BAND

Push 19 Ns to WP. With yoke lining facing, pick up 19 sts along right side of yoke through both layers and place on to Ns. Using MT and MC, K 5 rows. Using MT+1, K 1 row. Using MT, K 5 rows. Make a hem by placing loops of first row worked in MC on to corresponding Ns. K 1 row. Cast off.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join the front of the dungarees to the inside of yoke between markers 18 and 72, then join back between markers 19 and 61. Catch down yoke lining on inside. Neaten ends of bands. Finish buttonholes and sew on buttons to correspond.

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AMERICAN EXTRA

We make our first "trip" of the year to see what's what on the knitting scene in the USA and to wish our readers there a successful year of enjoyable knitting.

ANGELA & DESIGNAKNIT

Knitters on both sides of the Atlantic who have computerised their knitting will be interested in **Angela Gordon's** range of books and patterns, particularly if they use DesignaKnit software with which Angela has worked closely, both during some of the product development stages and since. Her **Working Notes** on the latest version, DesignaKnit 6, are excellent stage-by-stage reference and essential reading for nervous new owners. With these, you will understand the program better and appreciate just how much you can achieve with it.

The first three books cover the design sections of the program – **Stitch Designer, Standard Garment Styling and Original Pattern Drafting**. These three cost £6.00 each in the UK.

The last one covers the use of Windows Paint/Brush with the Clipboard for quick and easy captures and conversion into stitch patterns. The DK6 graphics converter works very well but is considerably slower than using the clipboard and it also requires that the image be saved on

disk in a suitable format. Using the clipboard allows images to be opened from CD-ROM or scanned/digitised and taken straight into DK6 via the clipboard without first saving them. This one, complete with Clipart Disk, costs £10.50 in the UK.

If, as Angela asks in her literature, you are really worrying over Windows or devastated by DesignaKnit 6, then she also offers a six-lesson correspondence course. Included are a working disk and a certificate upon completion but you can work at your own pace – take up to two years if you like – and you'll get expert instruction and feedback. Each course costs £36.00 in the UK or £48.00 overseas.

Once you've mastered your DesignaKnit you'll be ready to go on to something really special like the wedding dress that was the grand finale of the fashion show at the BritAm Expo in Dallas last year. This spectacular gown was one version of the Heirloom Gown Collection in the Instant Knits range by Knitwares. The disk for DesignaKnit 5 or 6 gives ready-to-use garment shap-

ing and stitch pattern files with detailed knitting and fully illustrated finishing instructions. The design, for single bed knitting, can be a short cocktail dress or a long evening gown as well as a wedding dress. The basic shape is slim and fitted in panels of stocking stitch, its upper bodice and long sleeves in beaded thread lace. This pattern is available in the UK, price £15.00, from Angela Gordon who will be pleased to tell you more about Knitwares products. There is an equally lovely Heirloom Christening Collection in the Knitwares range which is available through Beacon Hill Knits.

All Working Notes are available in the USA from The Knitting Machine Centre 800-882-8035, in Canada from Arlene's Fashion Knits 604-658-8162 and in South Africa from Annchen Rudman 21-962-536.

When ordering direct from Angela Gordon, please note that postage rates for outside the UK are 75p per item for Europe, or £2.00 per item elsewhere. Ask for a catalogue of her complete range of books and disks.

Angela Gordon Knitwear
15 Keysworth Drive
Sandford, Wareham
Dorset BH20 7BD
Tel: 01929 551073

MACHINE KNITTERS SOURCE

All knitters are welcome to visit this popular magazine's home page on the internet at mks@wolfenet.com, where they will find a Resource Guide to the products they need or, in the case of businesses, a worldwide advertising opportunity. Here also, one can subscribe to *Machine Knitters Source Magazine*, or order books and other products available from their Mail Order Store.

With its new all-gloss format and national distribution in the US, *Machine Knitters Source* now has **Karen Kuranda**, the writer who regularly fills the Computer Corner, representing Brother International beginning with the November/December 1996 issue.

Vickie Mercer, Publishing Editor of *Machine Knitters Source*, has introduced new transfer tools for the 4.5 mm standard machines similar to those currently available for bulky (chunky) and mid-gauge (double knitter) machines. Transferring stitches into a 1x1 ribbing set-up is time consuming when using only a double-eye needle. By using the new 12-needle EON tools in pairs, moving 12 stitches per transfer is easy and quick. Every knitter needs these tools! (Available as listed in the Machine Knitters Source advertisement in this magazine.)

In the magazine, are lessons for machine knitters at all skill levels and a software review which should be of particular interest to designers. Learn about the program Fashion Artist by T & D Co., a Win 95/3.1 or Mac (System 7+) 62 ►

NEW VIDEO & BOOK

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*Prices are £19.50 for the book and £32.50 for the video. Add £5.00 for P&P.
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**FROM THE STUDIOS
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software package that allows quick editing of fashion ideas on the computer. As publishers, we are excited about the idea of receiving proposed garment designs for future issues on a computer disk so that we can suggest colours and other slight changes before the item is completed.

Subscriptions are available from two agents in the UK, as listed in the advertisement in this issue of *Machine Knitting Monthly* and also via the Internet. Submit e-mail to mks@wolffnet.com. Visit our web page at <http://www.wolffnet.com/~mks>.

TAILORING KNITS WITH MANON

Manon Salois from Ottawa, Canada is visited by knitters from all over Canada and the United States (some travelled more than 3,000 miles) for her programs of In-House Training.

Creation Manon Salois Inc particularly specialises in Cut-and-Sew and a five-day course emphasises Manon's techniques for the assembly and finishing of garments,

such as trimming knits with fabrics and the use of interfacing and linings and so on.

The latest and most popular In-House Training so far, has been on the combination of knits with leathers. The students were taken on a field trip to a leather warehouse in Montreal before plunging into the intense five days for the construction of their garments.

In-House Training will continue this spring and summer so if you are interested in learning how to create a beautifully tailored garment from your knitted fabric, write or e-mail for further information to:-

Creation Manon Salois Inc.
PO Box 41084, Ottawa
Ontario K1G 5K9
Canada
E-mail: manon@salois.com

EILEEN MONTGOMERY BOOKS

Baby's Choice has 18 coordinated garments and accessories in sizes from newborn to 12 months. Patterns are given for a lace dress and a Fair Isle pullover with pants which have an

adorable toy knitted to match. Also included are blankets, buntings (hooded all-in-one suits), bonnets, booties, socks, mittens and two sweaters using unusual construction methods.

Sweaters for Preschoolers has ten designs for pullovers and cardigans, all in five sizes to fit 12 months to six years. Patterns include a lace-edged tunic, a tucked duffle coat, an unusual colour-blocked raglan cardigan and a pullover trimmed with knitted appliques. Styles include drop shoulders, saddles shoulders, raglan sleeves, crew and V necks in a variety of stitches.

These books have been written for 4-ply yarns, such as BSK 4-ply acrylic, on either standard gauge punchcard or electronic machines. Each has a colour cover and spiral binding with black and white pictures, detailed instructions and diagrams.

Baby's Choice is available from BSK Ltd, Murdock Road, Manton Industrial Estate, Bedford MK41 7LE. Tel: 01234 217096. The book costs £5.75 plus £1.00 postage and packing. Both *Baby's Choice* and *Sweaters for Preschoolers* are available for £7.25 each, which includes same-day airmail postage, from:-

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COCHENILLE DESIGN STUDIO

New designs are constantly being added to **Cochenille's** popular **Garment Styler** program and there are also the following Cheat Sheets and "How to" notes for the **Stitch Painter** program.

Stitch Painter Basics: (Each sheet covers a basic operation area of **Stitch Painter**) Palette operations; Toolbox; Menus; Keyboard Shortcuts. Price: £5.75 + 50p p&p.

Stitch Painter How To's: (Helpful to know techniques)

Mixing Custom Palettes; Let Me Count The Ways; Importing; Exporting; Creating Custom Palettes; Repeat Design; Strips and Borders. Price: £7.25 plus 50p p&p.

Since there is always something happening at **Cochenille** it's best to keep in touch and the easy way to do so is to subscribe to *The Cochenille Compendium*, the company's quarterly newsletter. Various designers and users from around the world contribute to it so it gives a broad view of how the software can work for knitters and others. A

diskette of sample designs discussed in the issue will be included as an option to subscribers. It will contain **Stitch Painter**, **Garment Styler**, **PCX**, **CUT** and **PICT** files of line art drawings, designs, colour palettes and other files of interest. The subscription price is £29.00 (with disk); £21.00 (without).

For details of **Cochenille** products in the UK, please contact:-

Gillian Lamb
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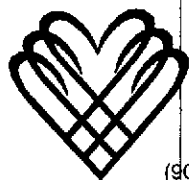
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NEW! Patterns By Ricki Mundstock

MORE SUMMER TOPS

"More Summer Tops" features a tuck lace top, slip stitch striped top, a waffle tuck tunic and a simple top trimmed with easy knit flowers and buttons. Each one is unique and easy to knit. All 4 tops have semi set-in sleeves and feature new neckline and sleeve trims. They can be knit on any standard machine. Pattern - \$12.00 Disk - \$6.00 Punchcards - \$4.50

Pocket Full O' Posies



Pocket Full O' Posies

This pattern features the "Picket Fences" cardigan, the "Pocket O' Posies" Tunic and the "Picnic Plaid" Top or Tunic. Each sweater is embellished with knit flowers, leaves and even a lace doily. They are fun to wear and easy to knit. For all standard machines.

Pattern - \$12.00 Disk - \$6.00 Set of Punchcards - \$8.00

NEW! Windows Program For "Slacks That Fit"

The new Windows program designed by Tioga Software, Inc., is a supplement to the "Slacks That Fit" pattern. You simply enter your measurements and swatch information and the program calculate your custom sized slacks. Print out your

custom knitting directions and save your information to use again & again. Even if you already have the "Slacks That Fit" pattern, you'll love this time saving program.

For IBM compatible computers with Windows 3.x and Windows 95 **Windows Supplement Program - \$20.00**

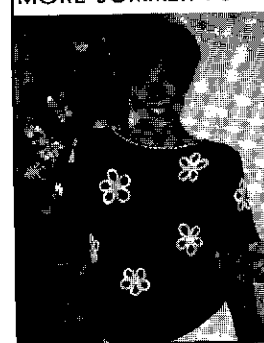
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MORE SUMMER TOPS



SLACKS THAT FIT





LATCH ON

ARMBANDS

I was running out of ideas for future articles, so I had a chat with our Editor, Sheila. Sometimes she has requests from readers that I can deal with. This time she was no help, but remarked, "Readers like to hear about the things that go wrong for expert knitters."

Joan Lafferty

I do not claim to be an expert; experienced, yes - expert, no. But I do possess the three "P"s - Patience, Perseverance and Pig-headedness! So when things do go wrong, I can't rest until I have put them right (or occasionally have admitted defeat). But at the time I was talking to Sheila, nothing had gone wrong; several garments knitted without a hitch; one or two satisfied customers. So no help on that front. At this stage I should have added another "P" to my list - Pride - which as we all know "goeth before a fall".

A lady who has been a good customer in the past rang me. "That waistcoat you have just made me is all wrong" she said. "Bring it back", I suggested "and I'll have a look at it." I should tell you that this was a multi-colour Fair Isle with a black background (not my favourite colour!) I had managed to get some buttons that exactly matched a pale green in the Fair Isle. These did not suit because they had little bubbles round the edge which, she said, were going to tear the buttonhole. Now, you know and I know, that after being used a few times buttonholes tend to get a bit larger, but my customer would have none of this. I arranged to put some black (smooth) buttons on it for her, although I privately thought she might have done this for herself.

"Then the armholes were "proud", so I pressed them and now look at them!" she said. I didn't need to look, I

knew what was coming; the yarn was acrylic and she had flattened the daylights out of the armholes, making the armholes much larger. "I don't understand what you mean by proud," I said, stalling for time, while I held one or two pithy words in check. "Well you know" - she said - "all frilly". In my book "proud" means sticking up, like a paving stone when you trip over it - "frilly" means just what it says. I could not unite the two in my mind.

I must tell you that this lady is very large in the bust, so I always make the armholes fairly deep for her. (Memories of my nursing days come to mind here; I know that the muscles of the bust and arm are closely associated - but that's another matter!) So my "fairly deep armholes" were now nearly down to her waist.

Now, when I do armbands I prefer to knit them separately, take off on waste yarn and cast off by hand. I know this sounds a lot of work but if one picks up on to the machine, knits the band and casts off, also on the machine, it can happen that either too many or too few stitches have been picked up and the whole thing must come off. My way, I can pin the band on to the armhole, which shows me immediately whether the band is the correct length. I know it is a fiddle, casting off with hand knitting needles, but this has the advantage, when working on dark material, that one can do it in daylight. I haven't got

a large selection of unwanted bands in my "unpicking" box, so I must get it right most of the time. I often backstitch the bands into position, rather than use the Hague Linker, because this can also be done sitting down, listening to (rather than watching) some rubbish on T.V.

So I duly unpicked the bands, which is not the easiest operation when they have been backstitched into place. Since I had to reduce this awful armhole, I picked up the stitches on the machine. If the original seam had been too bulky (proud?) remember that you and I know that the edge stitch of Fair Isle knitting is knitted in two colours, otherwise the Fair Isle strands leap across several stitches, drawing in the work. So of course the seam must be a bit heftier than it would be with plain stocking stitch. Bearing this in mind I had to be careful to pick up the smallest possible amount of knitting, but not half a stitch, because this would make loops and I'm sure my customer would not approve of this.

Since the armhole was now so big I could not do it all in one, so had to work from the shoulder to the underarm, making four lots of knitting in all. I started by folding the armhole in half from the shoulder to the underarm, placing a pin in the halfway mark. Then, using the three-prong transfer tool, I put three stitches from this mark on to the centre needles. Then I picked up the two ends, letting the work sag somewhat. With the three-prong tool I took stitches in the middle of the "droopy bit" at each side and continued like this until all stitches were picked up. Doing it this way one has a better chance of picking up evenly.

I then knitted one row on the main bed and transferred every other stitch on to the ribber, using lots of weights. The stitches transfer more easily if the weights go on before the transfer, rather

than after. Then I knitted the band; I had used tension three plus one dot for the main welts, but remember this portion had been stretched with the pressing, so I used four plus one dot for this band. I decided to try casting off on the machine for once, so adopted a principle I use when casting off the top of dropped-shoulder sleeves.

In this case I knit to the top of the sleeve, bring the ribber up into work, but do not connect the two carriages. Then, with the half-pitch lever on H, I push every alternate needle on the ribber right up to holding position. It is necessary to use the ribber connecting arm for this operation and to push all the needles on the main bed to hold. Then using tension ten on the main bed I knit one row. This leaves loops around the ribber needles; these are removed with one stroke of the ribber carriage. Then I drop the ribber bed, push the needles to holding position and latch off. This method is fine for the top of sleeves, neither too tight nor too loose, but this time I wasn't working on the top of a (stocking stitch) sleeve, but on a ribbed armband.

When using the transfer carriage, the last row must be knitted from right to left and at a loose tension. This is fine when knitting the rib at the lower end of a garment, but would the largest tension on both beds be enough for my cast-off edge on armbands? I decided it would probably not be loose enough. So I adapted my "top of sleeve" method by pushing into hold every third needle that was out of work on the ribber bed, knitting the row and then putting these needles back into non-working position. This had to be done by hand, of course, needle by needle. Taking the ribber carriage across would have dropped the stitches already knitted. However, the tension proved just right and I duly latched off.

That is, I latched off on one of the four pieces of band. When

I came to the second piece I found one stitch had "tucked" on the main bed. Normally I would drop the stitch and latch it up, but this was black yarn and I just could not see which "ladder" to pick up next. So I had to take it all off and start again. You will not believe (or will you?) that the next attempt went wrong as well, this time as I was latching off, although I did manage to save most of the work by taking the stitches off on waste yarn.

I also saved the stitch I had just cast off by putting it on a hair grip. This was a trick I taught myself many years ago when stitches used to drop much more than they do nowadays. In fact in the dim and distant past I used to keep a hair grip in my hair - much easier to manage with one hand than a safety pin, which often needs two hands to open it. Why one hand? Because the other was feverishly clutching the dropped stitch! In this case I had abandoned the stitch; it would only run down a dozen rows and could be latched up easily when off the machine.

After this I tried removing the waste yarn down to the last row and casting off with the latch tool, this time sitting with the sun shining on the work. I managed to do this with a bit of effort, but when it came to the last two pieces I went back to my old practise, taking the work off on waste yarn and casting off with hand knitting needles (also sitting in the sunlight). Before anyone bothers to write, yes, I have got a "daylight" bulb and this is a great help, but not half so good as the real thing when it deigns to appear. There's no charge for it either!

From the above, it sounds as though I do not want letters - please don't get me wrong, I love to hear from other knitters. I have just had a couple of letters from knitters I knew many years ago, both giving helpful suggestions. I know from the "Dear Anne" page that readers often have good ideas, but don't bother to write about how to get rid of difficult customers! "A soft answer turneth away wrath" and after that, I have several more ways of wriggling out of further orders!

ANDREA LEVICK

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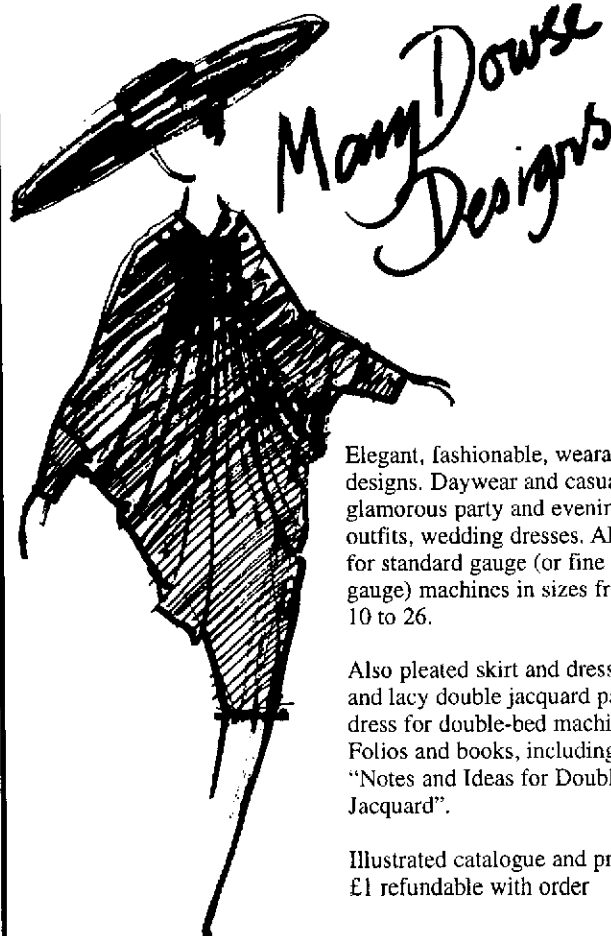
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10 Long line blue cardigan

Selected by Mrs Sarah Knowles, Birmingham

By special request - At one time Modern Machine Knitting used a diagrammatic style for pattern instructions which some readers liked and others didn't. When one of the latter begged for written instructions for a pattern she "just loved" in an old issue, she started a series! This classic cardigan in cosy self-colour Fair Isle, plus the leggings in Pattern 11, are a "must" for Sarah Knowles so we're happy to oblige with the patterns.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed standard gauge punch-card or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

4-ply yarn. (Yarn Guide No.11.)
1 [1, 2] x 500 g cones in Blue (MY).
12 buttons.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107] cm, 32-34 [36-38, 40-42] in.
Actual size 107 [117, 127] cm, 42 [46, 50] in.
Length to shoulder 76 cm, 30 in.
Sleeve seam 42 cm, 16½ in (adjustable).

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

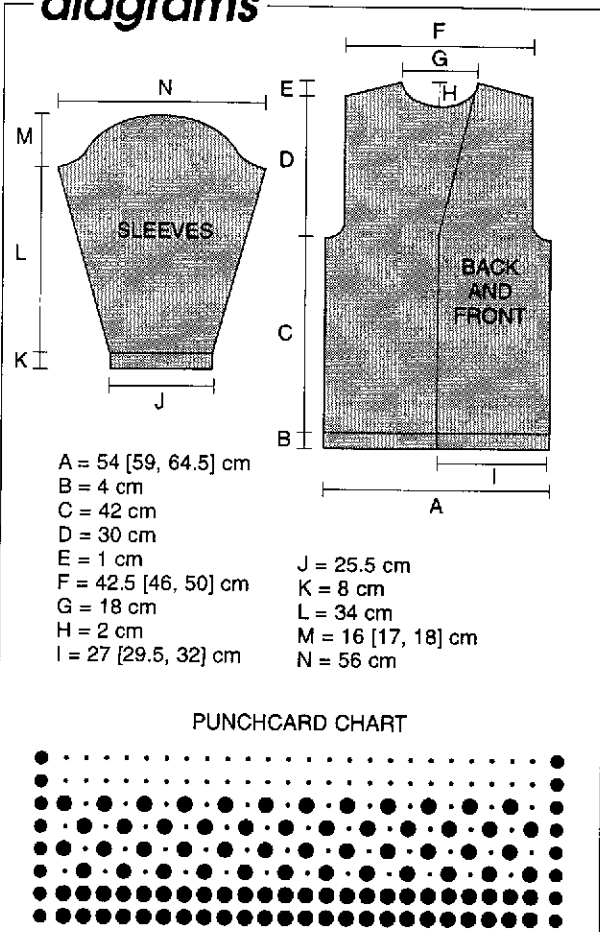
31 stitches and 37 rows to 10 cm, 4 in measured over self coloured Fair Isle (tension dial setting approximately 6).

For perfect results, please check your tension carefully.

KNITTING NOTES

- We used knit side of knitting as right side of garment.
- Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
- We used Silver Reed card 1 from basic set for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines, Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.
- On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).

diagrams



BACK

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 84 [91, 100] Ns at left and 83 [91, 100] Ns at right of centre 0 to WP. 167 [182, 200] Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT-4/MT-4, K 20 rows. Transfer sts for st st *.

1ST SIZE

Inc 1 st at right edge.

2ND SIZE

Inc 1 st at each end.

ALL SIZES

168 [184, 200] sts. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in self coloured Fair Isle with MY in feeder 1 and MY in feeder 2. Set RC at 000. Using MT, K 156 rows.

SHAPE ARMHOLES

Cast off 3 sts at beg of

next 2 rows and 2 sts at beg of next 6 [6, 8] rows. Dec 1 st at each end on next and every foll alt row until 144 [156, 166] sts rem, then on every foll 5th row until 132 [144, 156] sts rem. K 63 [59, 60] rows. RC shows 262.

SHAPE NECK

Note patt row on card. Using a length of MY, cast off centre 42 sts. Using nylon cord, K 45 [51, 57] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next row, K 1 row. Cast off 2 sts at beg of next row.

SHAPE SHOULDER

Cast off 13 [15, 17] sts at beg of next row, 2 sts at beg of next row and 13 [15, 17] sts at beg of next row, K 1 row. Cast off rem 12 [14, 16] sts. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in self coloured Fair Isle. Finish to correspond with the first side, reversing shap-ing.

RIGHT FRONT

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push Ns 1 to 83 [1 to 92, 2 to 99] inclusive at right of centre 0 to WP. 83 [92, 98] Ns. Work as for Back from * to *.

1ST SIZE

Inc 1 st at right edge.

3RD SIZE

Inc 1st at each end.

ALL SIZES

84 [92, 100] sts. ** Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in self coloured Fair Isle with MY in feeder 1 and MY in feeder 2. Set RC at 000. Using MT, K 156 rows. Knit 1 row extra for Left Front. Place marker at left edge.

SHAPE FRONT EDGE & ARMHOLE

Dec 1 st at left edge on every 3rd row and **at the same time**, cast off 3 sts at beg of next row. K 1 row. Cast off 2 sts at beg of next and foll 2 [2, 3] alt rows, K 1 row. Dec 1 st at beg of next and every foll alt row until 69 [77, 84] sts rem. Cont to dec at armhole edge on every alt row from previous dec and **at the same time** dec 1 st at left edge on every 4th row until 68 [73, 77] sts rem. Cont to dec at left edge on every 4th row from previous dec and **at the same time** dec 1 st at armhole edge on every 5th row until 55 [60, 66] sts rem. Cont to dec at left edge only on every 4th row from previous dec until 38 [44, 50] sts rem. K 2 rows.

SHAPE SHOULDER

Cast off 13 [15, 17] sts at beg of next and foll alt row, K 1 row. Cast off rem 12 [14, 16] sts **.

LEFT FRONT

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push Ns 1 to 83 [1 to 92, 2 to 99] inclusive at left of centre 0 to WP. 83 [92, 98] Ns. Work as for Back from * to*.

1ST SIZE

Inc 1 st at left edge.

3RD SIZE

Inc 1st at each end.

ALL SIZES

84 [92, 100] sts. Work as for Right Front from ** to ** reversing shaping by noting alteration in number of rows worked and reading right for left.

SLEEVES

With carriage at right, set machine for 2x2 rib (2x1 N arrangement). Push 80 Ns at centre of machine to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 2x2 rib (2x1 N arrangement). Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT-4/MT-4, K 42 rows. Transfer sts for st st. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in self coloured Fair Isle with MY in feeder 1 and MY in feeder 2. Set RC at 000. Using MT, shape sides by inc 1 st at each end on every alt row until there are 120 sts, then on every foll 3rd row until there are 174 sts. K 5 rows. RC shows 126. Adjust length at this stage, if required.

SHAPE TOP

Cast off 5 sts at beg of next 2 rows, 3 sts at beg of next 12 rows and 2 sts at beg of next 16 [16, 6] rows. K 1 row. Dec 1 st at each end on next and every foll alt row until 88 [84, 96] sts rem. Cast off 2 sts at beg of next 10 [8, 14] rows, 3 sts at beg of next 4 rows, 4 sts at beg of next 4 rows

and 5 sts at beg of next 4 rows. Cast off rem 20 sts.

FRONT BORDER

With carriage at right, push 14 Ns on each bed to WP for double rib. Using MY, cast on and K 5 tubular rows. Carriage is at right. Set machine for double rib knitting. Set RC at 000. Using MT-3/MT-3, K 8 rows. * Make a button-hole over centre 4 Ns on each bed. K 15 rows. Rep from * 10 more times. Make another button-hole over the same Ns as before. Then knit until the border, when slightly stretched, fits up right front edge, across back neck and down left front edge. Cast off.

PRESSING

With the wrong side facing, block knitting by pinning out pieces to measurements given. Press carefully following the spinner's instructions or cover with wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join shoulder seams. Set in sleeves. Join side and sleeve seams. Sew the front border into position. Finish the buttonholes and sew on buttons to correspond.



PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Silver Reed standard gauge punch-card or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

4-ply yarn. (Yarn Guide No.11.)
1 x 500 g cone in Black (MY).
Elastic to fit waist.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit hips 92 [97, 102] cm, 36 [38, 40] in.
Inside leg 69 [70, 71] cm, 27 [27½, 28] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

23 stitches and 83 rows to 10 cm, 4 in measured over tuck stitch (tension dial setting approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES

- We used knit side of knitting as the right side of the garment.
- Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
- We used Silver Reed card 1 from basic set for this pattern and reproduce it courtesy of Silver Reed. If you would like further information about Silver Reed cards and machines, please write to Silver Knitting Machines, Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.
- On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (right light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).
- When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

RIGHT LEG

With carriage at right and using MY, cast on 28 [30, 33] sts at left and 32 [35, 37] sts at right of centre 0 in 1x1 rib. 60 [65, 70] sts. * K 5 tubular rows. Carriage is at

right. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-5/MT-5, K 14 rows. Transfer sts for st st. Insert card and lock on first row. Take carriage across twice without knitting. Release card and cont in tuck st *. **Set RC at 000. Using MT, shape sides by inc 1 st at left edge on every 13th row and at the same time inc 1 st at right edge on every 11th row until there are 121 [108, 96] sts. Cont to inc at right edge on every 11th row from previous inc and at the same time inc 1 st at left edge on every 14th row from previous inc until there are 137 [127, 117] sts. Cont to inc at left edge on every 14th row from previous inc and at the same time inc 1 st at right edge on every 12th row from previous inc until there are 150 [155, 160] sts. K 2 rows. RC shows 548 [556, 564]. K 1 row extra for Left Leg.

SHAPE CROTCH

Cast off 8 sts at beg of next row, 3 sts at beg of next 2 rows, 2 sts at beg of next row, 3 sts at beg of next row and 2 sts at beg of next 2 rows. Dec 1 st at beg of next row. Cast off 2 sts at beg of next row. Dec 1 st at beg of next row. K 1 row. Dec 1 st at each end on next and foll alt row. K 1 row. Dec 1 st at right edge on next row. K 1 row. Dec 1 st at each end on next row. *** K 1 row. Dec 1 st at right edge on next row. K 1 row. Dec 1 st at left edge on next row. Rep from *** twice more. K 1 row. Dec 1 st at right edge on next row. K 3 rows. Dec 1 st at each end on next row. K 3 rows. Dec 1 st at right edge on next row. K 1 row. Dec 1 st at left edge on next row. K 3 rows. Dec 1 st at right edge on next row. K 1 row. Dec 1 st at left edge on next row. K 3 rows. Dec 1

st at right edge on next row. K 4 rows. Dec 1 st at left edge on next row. Dec 1 st at right edge on next row. K 7 rows. Dec 1 st at each end on next row. 98 [103, 108] sts. K 168 [176, 184] rows. RC shows 782 [798, 814] (783 [799, 815] on Left Leg).

SHAPE TOP

Set carriage for partial knitting. Push 11 Ns at opposite end to carriage to HP on next and foll 7 alt rows, K 1 row. Push Ns from HP to UWP. Cont in st st. K 22 rows. Cast off **.

LEFT LEG

With carriage at right and using MY, cast on 32 [35, 37] sts at left and 28 [30, 33] sts at right of centre 0 in 1x1 rib. 60 [65, 70] sts. Work as for Right Leg from * to *, then from ** to ** reversing shaping by noting alteration in number of rows worked and reading left for right and right for left.

PRESSING

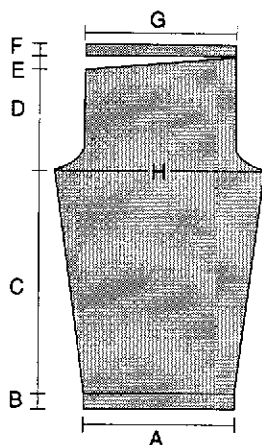
With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

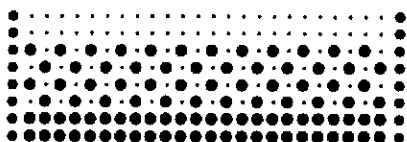
Join inside leg seams. Turn one leg inside out and then insert one leg into the other. Join the crotch seam. Turn to the right side. Fold st st in half and catch down on the inside, leaving a small opening. Insert elastic and join ends. Close opening.

diagrams

A = 26 [28, 30] cm F = 5 cm
B = 3 cm G = 42.5 [44.5,
C = 66 [67, 68] cm 46.5] cm
D = 28 [29, 30] cm H = 65 [67, 69.5]
E = 2 cm cm



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KNITTING TECHNIQUES

• Increasing and decreasing multiple stitches

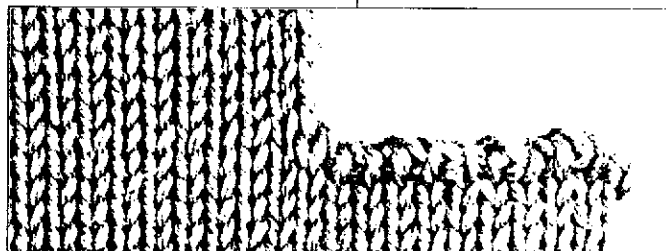
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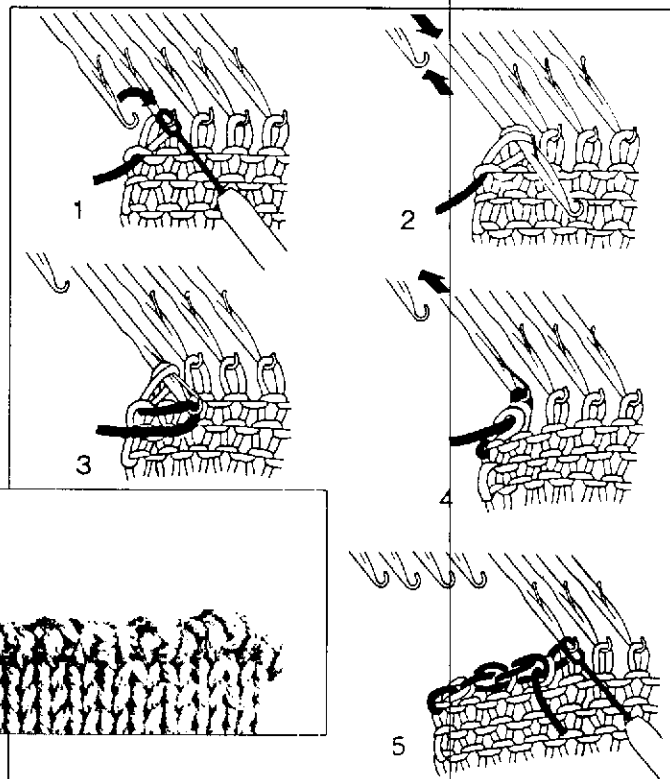
You can only decrease on the carriage side. To decrease at the left edge:-

- 1. With carriage at left, hold knitting back towards machine. Transfer end stitch on to adjacent needle. Push empty needle back to A position.
- 2. Push second needle to D position until both stitches are behind latch.
- 3. Lay yarn from left to right in open hook of needle. (If decreasing at right edge, lay yarn from right to left.)
- 4. Hold yarn slightly down and push the needle back to B position. The two stitches slip off the needle leaving a new stitch.



- 5. Continue same procedure until the required number of stitches have been decreased. Place last decreased stitch on to its adjacent needle.

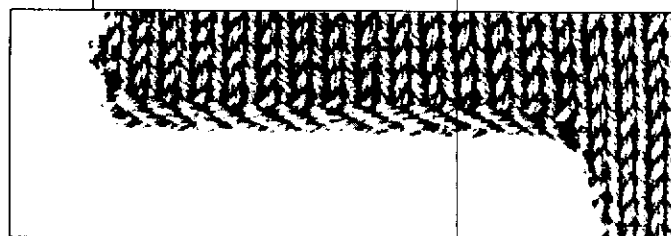
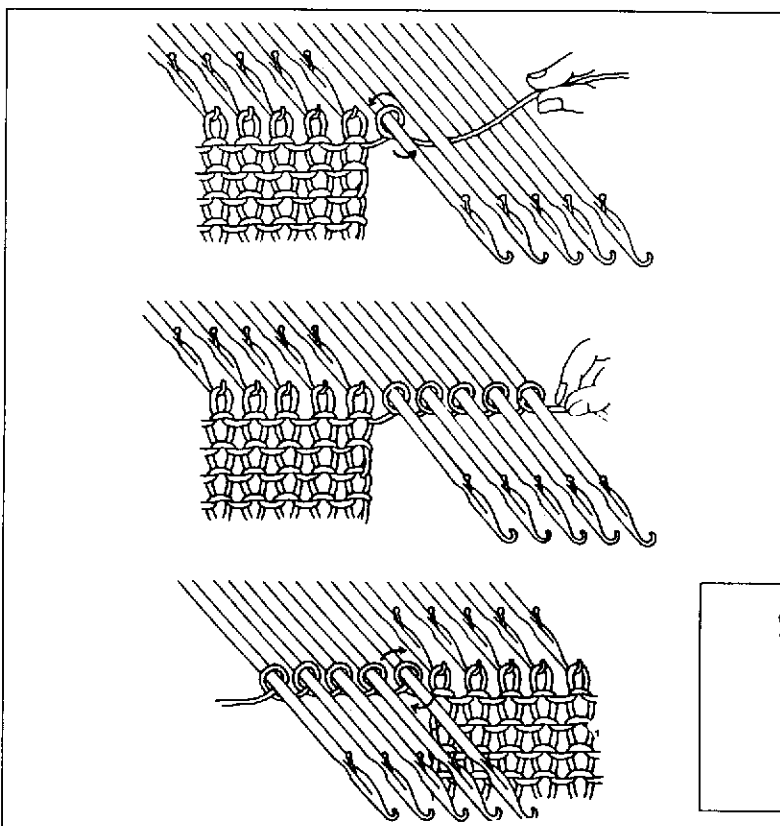
* Repeat in reverse to decrease on the right.



INCREASING MULTIPLE STITCHES

You can only increase on the carriage side. When the carriage is on the right side:-

- 1. Push the required number of needles from A to D position. Pull some yarn from the Yarn Feeder and then wind it loosely around the empty needles in the anti-clockwise direction.
- 2. Push loops against sinker posts, eliminate slack yarn and continue knitting with the Russel Levers at "II". When the carriage is on left side, wind yarn around needles clockwise.



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Sep	☐	Nov	Sep
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Nov	☐		Nov
1989		1992	1995
Mar	☐	Jan	Jan
Apr	☐	Feb	Feb
May	☐	Mar	Mar
Jul	☐	Apr	Apr
Aug	☐	May	May
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Nov	☐	Sep	Sep
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		Nov	Nov
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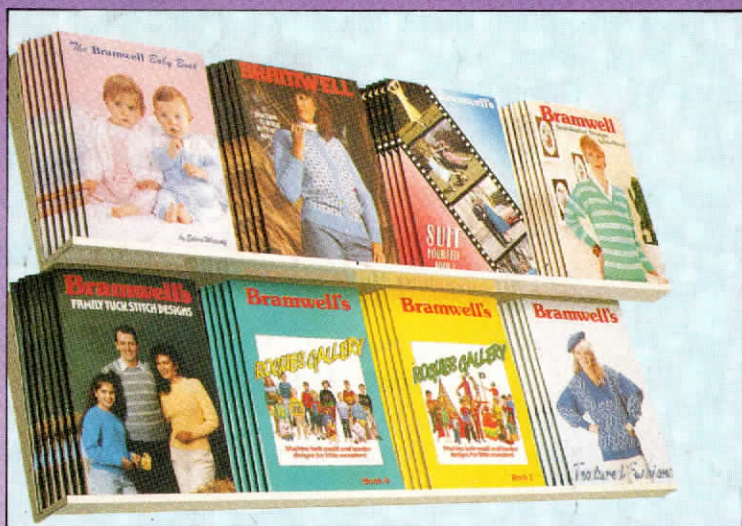
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